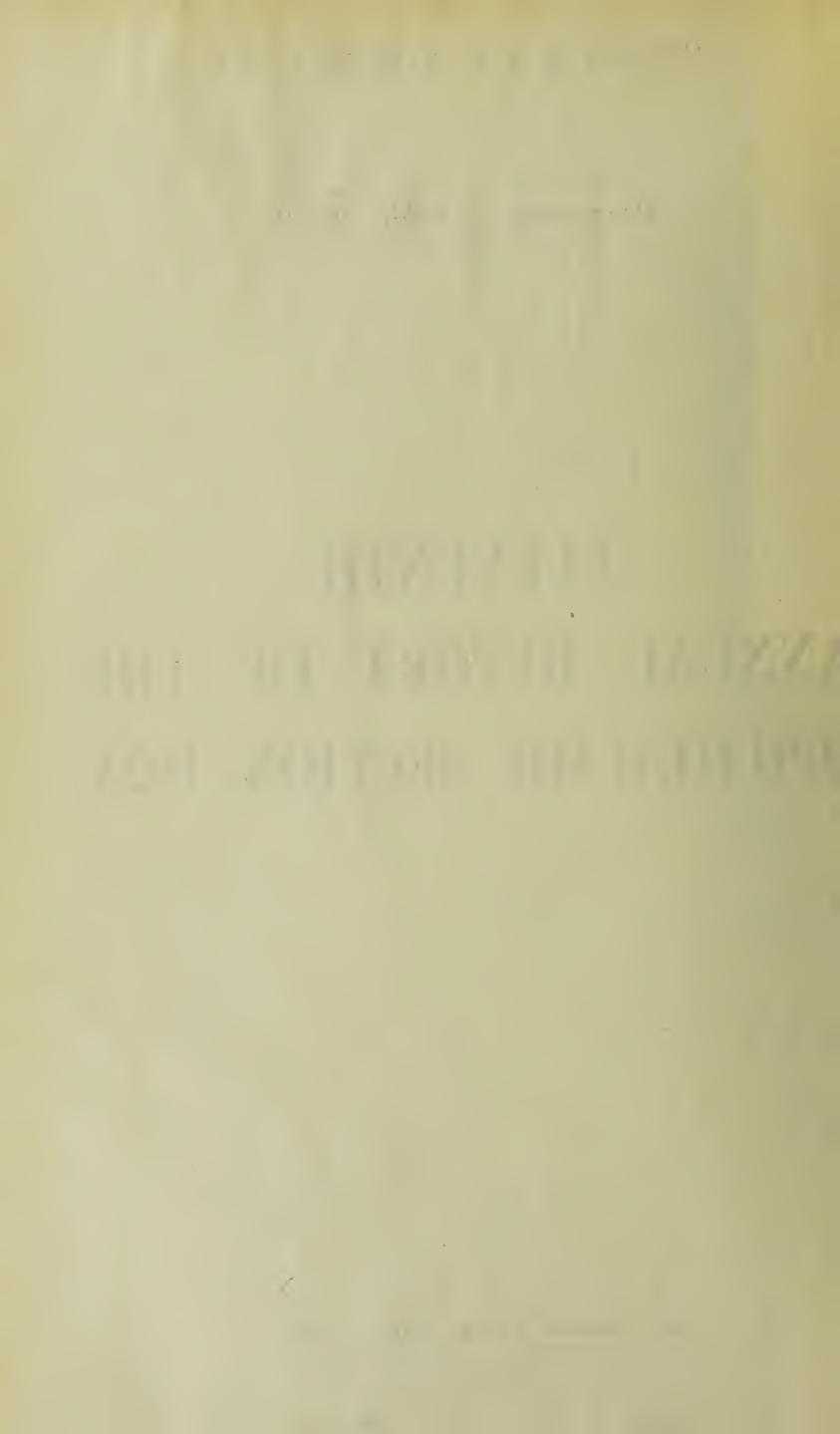
Department of Public Health.

ELEVENTH ANNUAL REPORT OF THE OPHTHALMIC SECTION, 1923.

Government Press, Cairo, 1927.

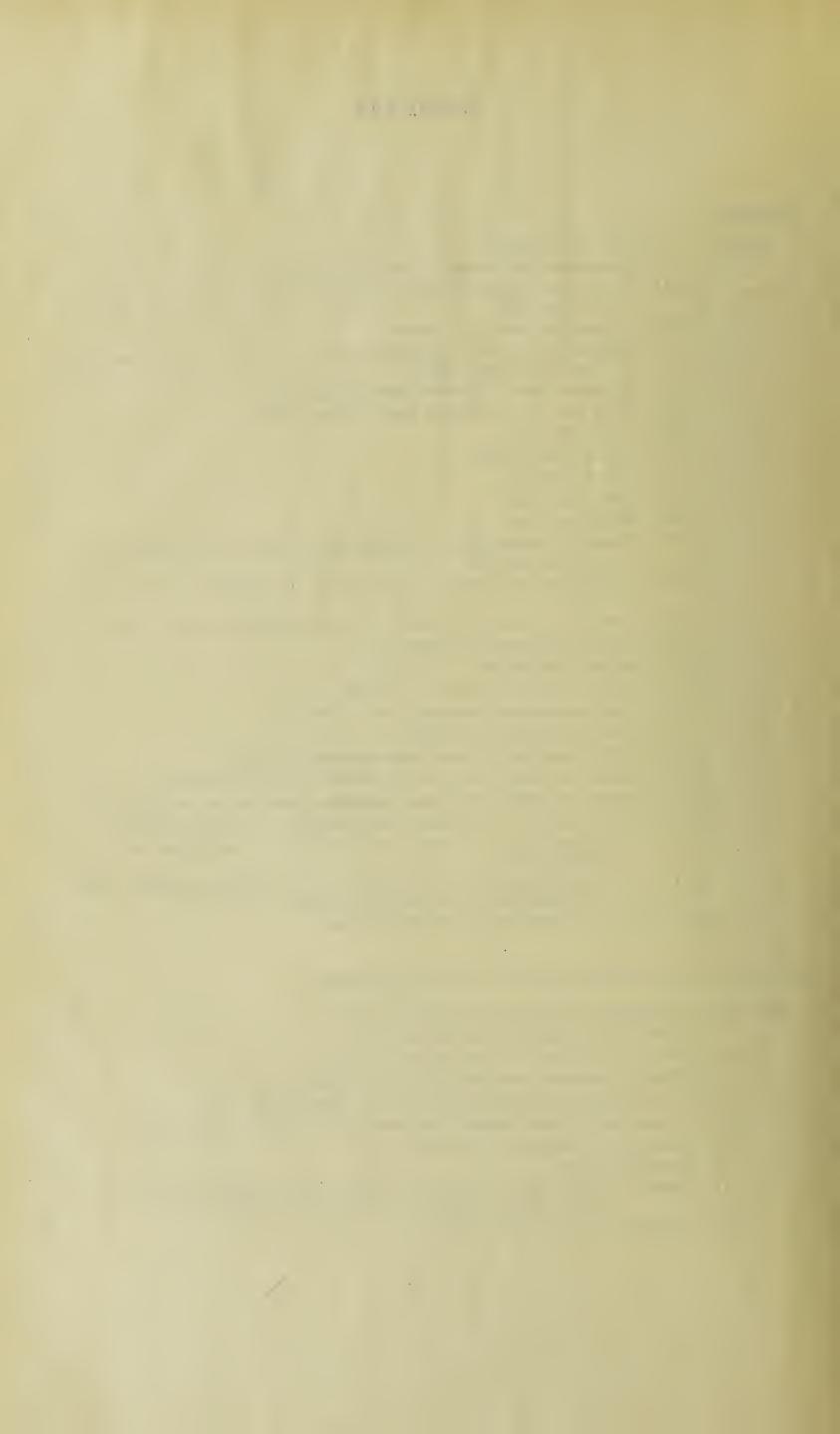
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ELEVENTH ANNUAL REPORT OF THE OPHTHALMIC SECTION 1923.

During 1923, there were 156,837 new patients treated at the Ophthalmic Hospitals, 82,466 operations performed and 1,664,791 attendances of out-patients recorded. These figures if compared with those of the previous year, will show an increase of more than 17 per cent in the new patients, 8 per cent in the operations and 10 per cent in the attendances of out-patients. This proves the increasing popularity of the ophthalmic hospitals amongst the people, and that they appreciate the importance and benefits of treatment in these hospitals.

Until the beginning of 1923, there were 21 hospitals. Of these, 5 were travelling (three of them are big ones belonging to the Government and two small attached to the Provincial Councils of Asyût and Daqahlyîa) and 16 specially built permanent hospitals. During 1923 Qena hospital was completed and opened for treatment as well as an ophthalmic clinic established at Damietta, thus the number of ophthalmic hospitals reached 23.

If the great needs of the country for treatment from the various eye diseases are taken into consideration, this small number of hospitals is quite insufficient to deal with the wretched condition from which a large proportion of the inhabitants of Egypt of all ages suffer by being affected by these various forms of eye diseases, especially trachoma which affects more than 95 per cent of the population and the acute ophthalmias which increase during the summer months and which if left untreated will, in most cases, cause blindness in a few days. It is therefore very necessary, under these conditions, to establish permanent ophthalmic hospitals in the capital towns of markazes as well as many travelling ophthalmic hospitals to visit the towns at long distances from the Mudîrîya capitals (all these capitals are now provided with ophthalmic hospitals). In this way the utility of ophthalmic treatment would be generalised to all inhabitants of Egypt.

It is also to be noted that among the important features of the work is that the ophthalmic medical officers, in addition to their hospital duties, carry out the examination of pupils of Government Primary Schools, treating those pupils affected with eye diseases and prescribing spectacles for those who require it. The number of pupils examined during the school year 1923–1924 reached 7,551 of which more than 90 per cent are infected with the various stages of trachoma. On the preliminary ophthalmic inspection made on pupils there were more than 28 per cent of all the pupils infected with the serious stages of trachoma; but this percentage fell down to 11 per cent as a result of the ophthalmic treatment. Also the number of pupils requiring spectacles for defective vision during 1923–1924 and previous years was 423. By the use of these spectacles which were not greater in strength than ±6 dieptres, more than 40 per cent of the pupils attained good or fair vision.

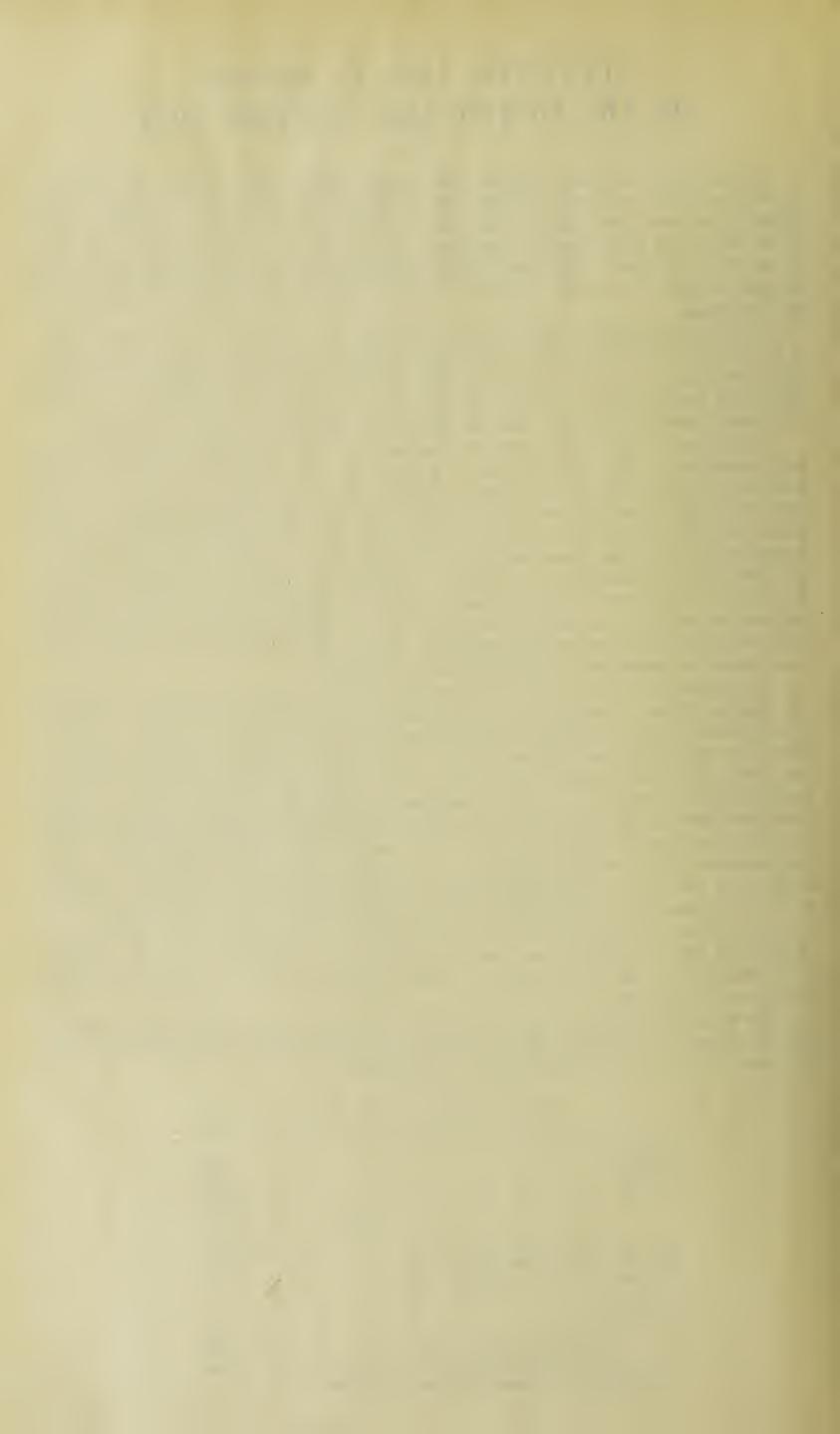
The capital expenditure involved in the provision and equipment of the 22 hospitals (Alexandria branch excluded) has been L.E. 105,000 of which L.E. 23,000 were paid by the Government, more than 60,000 by public subscription and the rest by Provincial Councils or Municipalities.

The annual cost of maintenance for 1923, including the cost of Central Administration and the expenses of ophthalmic clinics at the Government primary schools, was L.E. 46,000 as shown in the detailed lists appended to this Report.

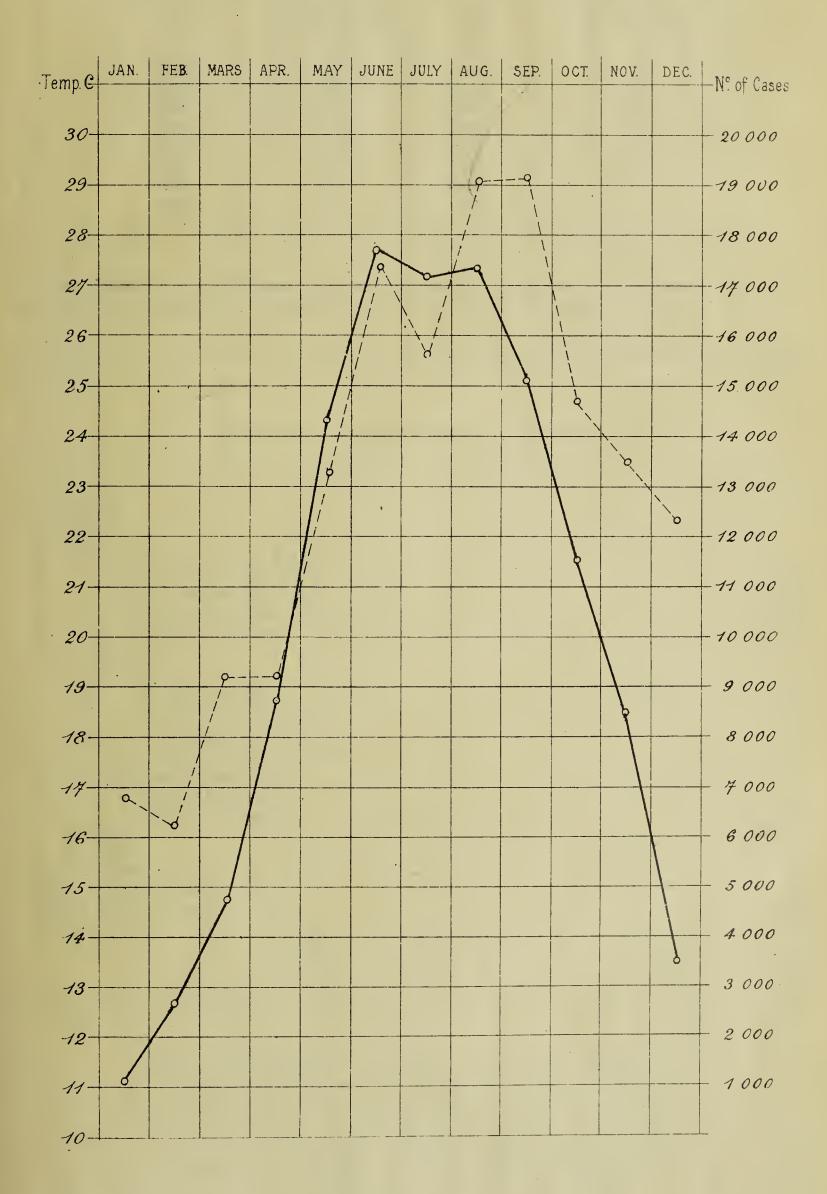
TABLE I.—PRIMARY GLAUCOMA.

Acute		• • •							• • •		25)
Subacute										• • •	$\frac{119}{2,872}$ *
Chronic									• • •		2,8121
							Т	OTAL	J		3,016
Total num	ber .	of p	atier	nts e	xami	ined	• • •	• • •	• • •		174,004 1.73
Per cent	of gl	aucc	ma	cases		• • •				• • • •	1 (8
Per cent	of ab	osolu	te g	lauce	oma	case	· · · ·	• • •		• • • •	1 20
Operation	s :									1	
I	ridec	tomy	7								503
i	reph	ining	g wi	tlı ir	idec	tomy	•••			• • •	643

^{*} Including 2144 absolute monocular and binocular.



TEMPERATURE AND NUMBER OF NEW PATIENTS TREATED



Average temperature in degrees centigrade.

New patients treated per month.

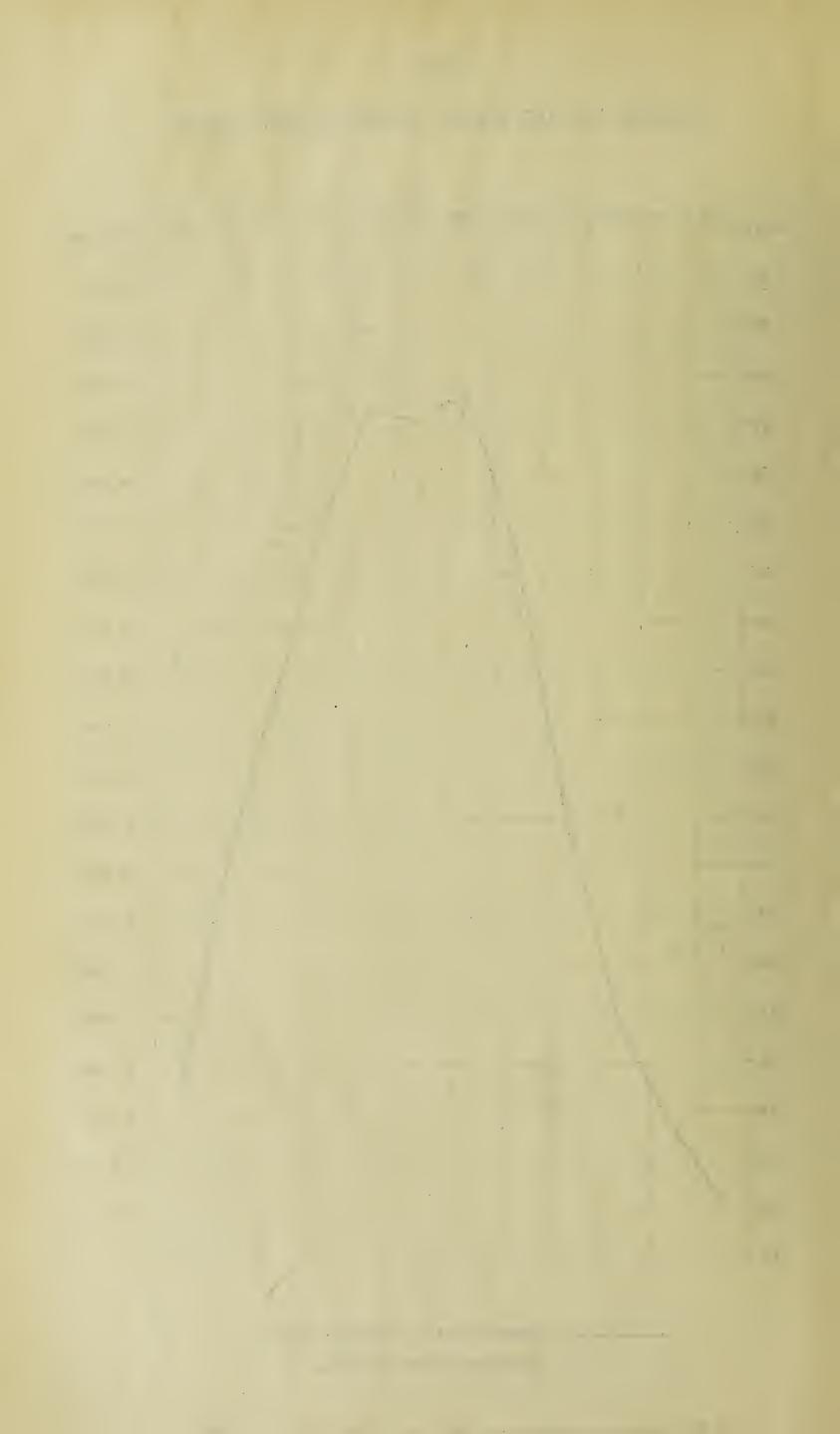


TABLE III.—YEARLY PERCENTAGES OF BLINDNESS AMONGST OPHTHALMIC HOSPITALS
PATIENTS SINCE THE YEAR 1909.

YEAR.	Per Cent of Blindness in One or Both Eyes.	YEAR.		Per Cent of Blindness in One or Both Eyes
1909	 15.6	1917	• • •	13.9
1910	 17.4	1918		14.6
1911	 $19\cdot 2$	1919		15.3
1912	 15.8	1920		13.8
1913	 14.8	1921		12.2
1914	 13.2	1922		11.8
1915	 12.0	1923		$11 \cdot 2$
1916	 11.2			

The definition of blindness adopted here is that proposed by Trousseau, that is to say inability to count fingers held up at a distance of one meter.

N.B.—It is to be noted that there is a gradual decrease in the percentage of blindness since 1919.

TABLE IV.—PATHOLOGICAL CAUSES OF BLINDNESS.

.—0	ongenital		• • •	• • •	• • •			• • •		• • •	• • •		• • •		•••	
.—A	cquired :—															
	I.—Conjunc	ctivitis resulting in	ı:—													
	U	Total corneal opa					• • •	• • •		• • •	• • •			• • •		6,39
			• • •		• • •		• • •	• • •	• • •	• • •	• • •		• • •	• • •		5,39
		Secondary glaucor		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		3,65
	(d)	Other conditions	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •	1,16
	II. —Fundus	:														
		Optic atropy				• • •	• • •	• • •	• • •					• • •		26
		Optic neuritis				• • •	• • •	• • •								2
		Retinitis pigmento				• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	3
		Detachment of re					• • •		• • •	• • •	• • •	• • •	• • •	• • •	•••	6
	(e)	Other diseases of	func	ius	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	11
	III.—Glaucor	na, Primary:—														
		solute monocular	• • •		• • •	• • •	• • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	1,09
		solute binocular	• • •		• • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	1,04
	IV.—Catarac		• • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	2,10
	V.—Injury		• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	19
,	VI.—Operati		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	$\frac{6}{2}$
	VII.—Infection		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •	• • •	•••	33
	III.—Iritis en		• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •		•••	• • •	• • •	36
	IX.—Various		• • •	• • •	• • •	• • •	• • •		• • •	•••	• • •	• • •	• • •	• • •	• • •	
												Т	ОТАТ			22,34

Table V.—Comparison of Corneal Opacity among Pupils of Tanta Primary School in the years 1913-14 and 1923-24.

YEAR.	Both Corneæ Clear.	One Cornea clear, the other showing opacity.	Opacity of both Corneæ.
1913-14	176	104 52	88
1923-24	63	52	11

Table VI.—Synopsis of Work of Hospitals since the year 1920.

							1920	1921	1922	1923
Hospitals in existence:										
Travelling Permanent		•••	• • •		• • •	• • •	5 15	5 16	$\begin{array}{c} 5 \\ 16 \end{array}$	5 18
New patients treated Total attendances of out-patients Operations performed In-patients	•••	•••	•••	•••	•••	•••	94,921 1,064,509 56,503 4,232	65,378	76,035	1,664,791 82,466
Details :—										
Patients examined Patients regularly treated	•••	•••	•••	• • •	•••	•••	108,113 94,921	113,201	147,492 133,750	156,837
Incurable cases Blind in one eye Blind in both eyes	• • •	•••	•••		•••	•••	$\begin{bmatrix} 6,400 \\ 9,833 \\ 5,154 \end{bmatrix}$	10,566		14,394
Trichiasis cases examined ,, eyes operated on a	• • •		•••	***		•••	23,154 27,081		32,720	31,405

TABLE VII.—WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1923.

1. In-patients: Total Number
(Number of available beds 311) Number of diets issued
Number of diets issued
2. Operations :— 1. Major :—
ı. Major:—
(a) Senile cataract 911
(1) 1001110 00001100 111 111 111 111 111
(b) Soft cataract
(c) Trichiasis or entropion
(d) Other operations 8,227
Total 43,361
Minor (including machanical treatment of treatment)
II. Minor (including mechanical treatment of trachoma) 39,105
Grand Total, major and minor operations 82,466
3. Out-patients:—
I. Incurable
II. Postponed
III. Tickets issued, <i>i.e.</i> new cases
IV. Old cases
V. Visits made by patients to hospital for treatment 1,664,791
VI. Average number of visits made to hospital by each patient under regular treatment (old cases+tickets issued) ÷ tickets issued. The factor
of incurable cases is neglected
VII. Discharges:—
(a) Cured
(b) Relieved 4,452
(c) Incurable
(e) Spontaneously ceased to attend after having attended more than once 75,320
VIII. Trichiasis cases seen among new out-patients:—
(a) No previous operation having been performed 28,386
(b) Previous operation performed unsuccessfully (not at an Ophthalmic
Hospital, but probably by some charlatan) 3,019

N.B -3, I Incurable cases do not receive tickets, but are recognized as soon as seen by the surgeon as both incurable and devoid of surgical interest.

VII (c) Incurable cases include those which are recognized as soon as seen by the surgeon as incurable but are given tickets for statistical or other purposes.

TABLE VII.—WORK DONE AT ALL OPHTHALMIC HOSPITALS DURING 1923 (continued).

OUT-PATIENTS (CON	ntd.) :—													
,	,													~
IX. Spectacle		• • •		•••			• • •	•••	• • •	• • •	• • •	• • •	• • •	56
X. Constant	wash cas	es (nu	ımbeı	r of	day	s' tr	eatm	ent)	• • •	• • •	• • •			234,84
XI. Ages of	patients e	xamin	ed :=	-							PE	R CI	ENT.	
Under	r one year	• • • •	• • •									ϵ	$6 \cdot 50$	10,20
From		years									• • •		$3 \cdot 47$	21,12
,,	6 ,, 10	,,											.01	17,26
,,	11 ,, 15	,,	• • •	• • •									$9\cdot 92$	15,55
,,	16 ,, 20	,,,										7	.47	11,71
,	21 ,, 25	,,										7	$7 \cdot 74$	12,13
,,	26 ,, 30	,,										8	3 · 18	12,83
,,	31 ,, 35	,,		• • •								7	7.74	12,13
,,	36 ,, 40	,,	• • •				• • •					6	8.86	10,75
,,	41 ,, 45	,,	• • •									4	.99	7,83
,,	46 ,, 50	,,	• • •				• • •				• • •	4	.33	6,79
,,	51 ,, 55	,,	• • •	• • •	• • •	• • •	• • •	• • •			• • •	2	2.82	4,43
",	56 ,, 60	,,	• • •	• • •		• • •	• • •	• • •					3.36	5,26
,,	61 ,, 65	,,	• • •	• • •	• • •	• • •		• • •		• • •			2.30	3,60
,,	66 ,, 70	,,	• • •	• • •	• • •			• • •					. • 62	2,53
Over	70 years	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		1	. 68	2,63
										To	TAL	• • •	* * *	156,83
XII. Origin of	patients:-													
9	nts from :-							•						
			.:4.1	·		7								00.01
(a) Tow	n in which	n nosp	ontal	$\frac{1}{1}$	ituat	ea	• • •	• • •	• • •	• • •	• • •	• • •		60,01
	kaz in wh							• • •	• • •	• • •	• • •	• • •	• • •	56,88
	er Markaze or Mudîrîy						• • •	• • •	• • •	• • •	• • •	** *	• • •	21,77
(a) Oth	er Mudîrîy	as or (30ve	1101	ates	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	18,17
										То	TAL	• • •	* * *	156,83

N.B.—It is to be noted that the attendance of young aged patients to the ophthalmic hospitals is not less than that of the old. Importance of this is self evident.

TABLE VIII.—LIST OF DISEASES.

1metropia:									
Hypermetropia									56
7/1		• • • • • •		• • • • • •					74
Myopia Astigmatism	*** *** ***	•••		• • • • • •					43
	••• •••			• • • • • •	• • • •		• • •		5
Presbyopia	•••	•••	• • • •		• • • •		• • •		
!onjunctiva: —									
Conjunctivitis,	managagal				• • • • •				9,33
Conjunctivitis,	gonococcal Morax-Axenfeld	• • • • • •		• • • • •			•••		1,20
**		•••		• • • • • • • • • • • • • • • • • • • •		• • • •	•••		4,7
"	Koch-Weeks	• • • • • • • • • • • • • • • • • • • •		• • • • • •	•••			• • • • •	29
,,	Pneumococcal				• • •	• • • •	• • • •	• • • • • •	
Other organism	ns or negative and	nd uncl	assified.	• • • • • • • • • • • • • • • • • • • •	• • •	• • • • •	• • •	• • • • • •	4,02
Ophthalmia ne	onatorum							• • • • • •	
Trachoma I		• • • • •						• • • • • •	9,69
,, IIa									17,7'
\ddot{b}							• • •	• • • • • •	1,8
TTh'									(
,, 110									

Table VIII.—List of Diseases (continued.)

Conjuncting (contd.):															
Conjunctiva (contd.):															
Trachoma IIc										• • •	• • •	• • •	•••	7.	651
,, III included IV			аспо						• • • •	• • •	• • •	•••	•••	10	00,398 $4,929$
~				• • • •	•••		• • • •			•••	• • •	• • • •	• • •		3
Phlyctenule						• • •									4,543
			• • •		• • •	• • •	•••	•••	•••	• • • •	• • • •				2,456
37 .			•••	• • •	• • •	• • •	•••	• • •	•••	• • •	• • •	• • •	•••		287
α 11 1			• • •	• • •		• • •	•••	• • •	• • •	• • •	•••	• • •	•••		$\begin{array}{c} 368 \\ 153 \end{array}$
T) 'I						• • •	•••	• • •	•••			• • •	•••		10
0							•••				•••	•••			3
Other conditions:—															
															705
Argyrosis	lino	 Jagona	···	···	• • •	• • •		• • •	• • •	• • •	• • •	• • •	• • •		135
Colloid and hya Hypertrophied o							• • •	• • •	• • •	•••	• • •	•••	• • •		52 98
Try portrophical c		020	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••		
Nævus pigmentosa .							•••		•••	•••					2
Injuries (foreign bod	ies, l	ourn, e	etc.)		• • •	•••	•••	• • •	• • •		• • •	•••	• • •		169
Cyst							• • •	•••	• • •	• • •	•••	•••	• • •		26
Papilloma	••		• • •	••.	•••	• • •	• • •	•••	•••	•••	•••	•••	•••		1
•															
Eyelids: —															
Pediculus ciliaris .			•												355
Trichiasis and entrop		• • • • • • • • • • • • • • • • • • • •	• • •	• • • •		• • • •	•••	• • •	• • •	• • •	• • • •	•••	• • • •	9	335 $34,635$
TO: 1	••		• • •	•••		•••	• • •		•••						164
Ectropion			• • •				• • •								442
	••		• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	•••		890
Handaalum		•• •••	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	•••	•••	•••		16,072
Word			• • •	• • •	• • •	•••	•••	•••	• • •	• • •	•••	•••	• • •		$905 \\ 146$
Ohalasian				• • •	• • • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •		884
	• • • •					• • •		•••	•••	•••		• • •			276
					• • •	• • •			• • •						17
Dermoid Ptosis	••		• • •	• • •	• • •	• • •	•••	• • •	•••	• • •	• • •	• • •	•••		41
Farmingles			•••	• • •	• • •	•••	• • •	• • •	•••	• • •	•••	• • •	•••		209
Шотпос				• • •		• • • •	• • •	• • •		•••	• • •	• • • •			$\frac{2}{7}$
Chanana											• • •		•••		7
±.	• • • •					• • •	• • •	• • •							6
	••		• • •	• • •	• • •	• • •	•••	• • •	•••		• • •	• • •			58
Leucodermia	••	•• •••	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	•••	• • •	• • •		11
Lacrimal Apparatus:—															
															114
Stenosis of the duct		• • • • • • • • • • • • • • • • • • • •				•••	•••	• • •	•••	• • •			•••		73
Dacryocystitis, acute			• • •	•••	•••	• • •	•••	• • •	• • •	• • •		•••	•••		42
,, chroni Trachoma of lacrima			• • •		•••	• • •	• • •	• • •	• • •	• • •	•••	•••	•••		1,190
Trachoma of lacima	u sac	•••	• • •	• • •	• • •	• • •	•••	• • •	•••	• • •	•••	•••	• • •		1
0															
Cornea :—															
Ulceration, simple .										• • •					8,806
,, hypopyo	n.	•• •••				• • •				•••	• • •	•••	• • •		551
,, perforati			• • •	• • •	• • •		• • •			• • •	• • •	• • •	•••		2,060
,, special f			• • •	• • •	• • •	•••	• • •	• • •	•••	• • •	•••	•••	•••		76.
Keratitis, interstitial	••		• • •	• • •	•••	• • •	•••	• • •	•••	• • •	• • •	•••	• • •	2	$3,158 \\ 20$
,, trachomato	ous		• • •	• • •		• • •		• • •	• • •	•••		•••	• • •		$\frac{26}{266}$
Nebula or leucoma .			• • •		• • •	• • •							• • •	5	4,767
Adherent leucoma .			• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	•••		9,142
Totally opaque corne	ea	• • • • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	•••	• • •	•••	• • •		6,394

Table VIII.—List of Diseases (continued).

Com																
Cam																
Con	nea (contd.):—															
	Staphyloma	• • •			• • •	• • •		• • •		• • •						1,947
	Xerosis of cornea		•••		• • •	• • •	• • •	• • • •	• • •	• • •		• • •	• • •	• • •		349
	Abscess of cornea			•••	• • •	• • •	• • •		• • •		• • •		• • •			26
	Conical cornea			• • •	• • •	• • •	• • •	• • •	• • •						• • •	439
	Injuries (burn, fo	reign	bodi	les, et	c.)		• • •	• • •	• • •	• • •	• • •	• • •		• • •	• • •	499
	Herpes of cornea	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •		• • •	1
T	1															
Lim	abus:—															
	Tumours		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •	• • •		30
7 .																
Iris	:															
	Anterior synechia	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •			• • •	• • •	• • •	1,882
	Posterior ,,	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		•••	• • •	• • •	• • •	896
	Inflammation	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	470
	Iris bombé		• • •	• • •	• • •	• • •	•••	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	12
		mo		•••	•••	• • •	•••	• • •	• • •	•••	• • •	• • •	• • •	• • •	•••	47
	Congenital colobo Aniridia		• • •	•••	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	8
	Persistent pupilla			 rane	•••	•••	•••	• • •		• • •	• • •	• • •	• • •	• • •	• • •	10
	Iridodonesis				• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	130
	Various		•••	•••	•••	•••	• • •	• • •	•••	•••	•••	•••	• • •		• • •	53
~ 1																
Sole	erotic :—															
	Ciliary staphylom	ıa	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •		628
	Episcleritis		• • •	•••	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •		7
	Injuries		• • •	•••	• • •	•••	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	19
Cho	eroid:—															
Ono																
	Coloboma		• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	$\frac{6}{4}$
				• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	4 14
	Disseminated cho Choroido-retinitis			• • •	• • •	•••	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	32
	Atrophy of chord		•••	• • •	•••	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •			02
	Tumours				•••											107
	Albinismus						• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	•••	107
			•••	• • •	• • •	•••	• • •	•••	•••					• • •		107 1 2
		• •••				•••	• • •	• • •		•••	• • •	• • •	• • •	•••	• • •	1
n .	•	• •••				•••	• • •	• • •		•••	• • •	• • •	• • •	•••	• • •	1
Ret	ina:—					•••	• • •	• • •		•••	• • •	• • •	• • •	•••	• • •	1
Ret	ina: Retinitis, Albumi	nurio	•••	• • •	•••	• • •	• • •	• • •		•••	• • •	• • •	• • •	•••	• • •	1 2
Ret	Retinitis, Albumi	ic	and	 l diab	etic	•••	•••	•••		•••	• • •	• • •	• • •		• • •	1 2 16 10
Ret	Retinitis, Albumi ,, syphilit ,, pigment	ic osa	and	 l diab 	etic	•••	•••	•••	•••	•••	•••	•••	• • •		•••	1 2 16 10 61
Ret	Retinitis, Albumi ,, syphilit ,, pigment Detachment of re	ic osa etina	e and	 diab 	 petic 	•••	•••	•••	•••							1 2 16 10 61 81
Ret	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the	ic osa etina roml	e and	diah	etic	 . ves	 esels	•••			•••					1 2 16 10 61
Ret	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma	ic osa etina roml		diab	etinal	 . ves	 ssels									1 2 16 10 61 81
Ret	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions	ic osa etina iroml	e and	diab	etinal		 ssels	•••								1 2 16 10 61 81 1 4
Ret	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma	ic osa etina iroml	e and	diab	etinal		 ssels	•••					•••	•••		1 2 16 10 61 81 1 4 14
	Retinitis, Albumi, syphilit, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness	ic osa etina iroml	e and	diab	etinal		 ssels	•••					•••	•••		1 2 16 10 61 81 1 4 14
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions	ic osa etina iroml	e and	diab	etinal		 ssels	•••					•••	•••		16 10 61 81 1 4 14 39
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness of the Neuritis	ic osa etina nroml (in w	e and bosis hich	diab	etic etinal itis]	ves	ssels	···· ··· ··· ··· ··· ··· ··· ··· ··· ·	abse				•••	•••		1 16 10 61 81 1 4 14 39
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness of the Neuritis Atrophy (see table)	ic osa etina nroml (in w	e and bosis hich	of recin	etic etinal itis p	ves	entos		abse	ent)		•••	•••	•••		16 10 61 81 1 4 14 39
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness of the Neuritis Atrophy (see table Opaque nerve fill	osa etina arroml in w	e and bosis hich	of retinguishes of	etic etinal itis p	ves	entos	a is						•••		1 2 1 2 1 6 10 61 81 1 4 14 39 39 34 298 12
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma	osa etina nroml (in w	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is						•••		16 10 61 81 1 4 14 39
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness of the Neuritis Atrophy (see table Opaque nerve fill	osa etina nroml (in w	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								1 2 1 2 1 6 10 61 81 1 4 14 39 39 34 298 12
	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma	osa etina nroml (in w	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								1 2 1 2 1 6 10 61 81 1 4 14 39 39 34 298 12
Op	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma	osa etina nroml (in w	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								1 2 1 2 1 6 10 61 81 1 4 14 39 39 34 298 12
Op	Retinitis, Albumi, syphiliting, pigment Detachment of resemble Embolism and the Glioma	osa etina nroml (in w	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								16 10 61 81 1 4 14 39
Op	Retinitis, Albumi, syphility, pigment Detachment of re Embolism and the Glioma Other conditions Night blindness of tic Nerve:— Neuritis Atrophy (see table) Opaque nerve fill Other conditions Third nerve parameters:— Cataract, senile	ic osa etina nroml (in w e IX ores alysis	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								1 2 1 2 1 6 10 61 81 1 4 14 39 39 34 298 12
Op	Retinitis, Albumi, syphiliting, pigment Detachment of resemble Embolism and the Glioma	ic osa etina nroml (in w e IX ores alysis	e and bosis hich	of retin	etic etinal itis p	ves	entos	a is								16 10 61 81 1 4 14 39 39

TABLE VIII.—LIST OF DISEASES (continued).

ns (contd.):-	_															
]
1.	raumatic amellar	• • •		• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • • •	•••	•••	•••	
77	anterior p				• • •			• • •	•••	•••	• • •	•••	• • •	• • •	• • •	(
	posterior				• • •	• • •	•••	• • •	• • •	• • •	• • •		• • •	• • •	• • •	
	lislocated	, tra	auma	atic	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •]
,,	,,		perat		• • •	• • •	•••	• • •	• • •	• • •	•••	• • •	• • •	• • •	•••	
,,,	"		nger		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	•••	•••	
Aphakia				• • •	• • •	• • •	• • •	• • •	•••	•••	•••	•••	• • •	• • •	• • •	
Secondary Ectopia lei	ntis	• • •	•••	•••		• • •	• • •	•••	•••	•••	•••	•••	•••	•••	•••	
treous :—																
Opacities	Jiaa	• • •		• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	•••	• • •	• • •	• • •	
Foreign bo Remains o	aies f hvaloid	art	torv	• • •	• • •	• • •	•••	• • •	• • •		• • •		•••	•••	• • •	
remains o	n nyatota	ar	ост у	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••		
uscles :—																
Strabismus	s, alternat	ting			• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	
,,	converg	gent		• • •	• • •	• • •	• • •	•••	•••	•••	• • •	•••	• • •	•••	•••	3,
))	diverge		• • •	• • •	• • •	• • •	• • •	• • •	•••	•••	• • •	•••	• • •	• • •	•••	2,
Heteropho		•••	• • •	• • •	•••	• • •	•••	•••	• • •	• • •	•••	• • •	•••	•••	• • •	
Nystagmus Paralysis	S	• • •	• • •	•••	• • •	• • •	• • •	• • •	•••	•••	•••	•••	•••	•••	• • •	
aucoma :— Primary, a			• • •) In	nclud	ling	abso	lute	glau	coma	cau	ısed	by a	cute	e, {	
Primary, a	sub-acute chronic		• • •	}	nelud 	ling sul	absol o-acu 	lute ıte o 	glau r ch:	coma ronic	cau glai	ısed ucom	by a na.	icute 	e, { 	2,,
Primary, a	sub-acute chronic	• • •	• • •	} I1	nelud 	ling sul	abso o-acu 	lute ite o	glau r ch:	coma ronic	cau glai	ısed ucom	by a na.	acute 	e, { 	2,
Primary, a ,, Secondary obe:—	sub-acute chronic 	•••	• • •	} I1	nelud 	ling sul	abso o-acu	lute ite o 	glau r ch	coma ronic	cau glai	ısed ucom	by a na.	icute 		2,,
Primary, a ,, Secondary obe:— Shrunken	sub-acute chronic globe	•••	•••	S		suk		ite o 	r ch	ronic	glar	ised acom 	bу г na. 			2,
Primary, a ,, Secondary obe:— Shrunken Buphthaln	sub-acute chronic globe nos	•••		···		suk	 		r ch:	 	gla		 			2,,
Primary, a "" Secondary obe:— Shrunken Buphthaln Exophthal	sub-acute chronic globe nos lmic goitr	•••		···		suk		ite o 	r ch	ronic	glar	used ucom 	by a			2,,
Primary, a ,, Secondary obe:— Shrunken Buphthaln	sub-acute chronic globe nos lmic goitr	····		···		suk	 	 		 	glaı	 	 			2,, 3,, 5,
Primary, a ,, Secondary obe:— Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal	globe nos lmic goitr almitis almos	 		···		suk	 			 	glaı		 			2,, 3,, 5,
Primary, a ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	globe nos lmic goitr almitis almos	 		···		suk	 	 		 	glar		 			2,, 3,, 5,
Primary, a ,, Secondary obe:— Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal	globe nos lmic goitr almitis almos	 		···		suk	 			 	glai		 			2,, 3,, 5,
Primary, a ,, Secondary Secondary Shrunken Buphthaln Exophthal Panophthal Microphth Anophthal Injury Stit:— Tumours	globe nos lmic goitr almitis almos	 		···		suk	 			 	glai		 			2,, 3,, 5,
Primary, a ,, Secondary Secondary Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal Injury Stit:— Tumours Cellulitis	globe nos lmic goitr almitis almos	 		···		suk	 			 	glai		 			2,, 3,, 5,
Primary, a "" Secondary Secondary Secondary Sobe:— Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal Injury Sobit:— Tumours Cellulitis Tenonitis	globe nos lmic goitr almitis almos lmos	 		····		suk	 				glan					2,, 3,, 5,
Primary, a ,, Secondary Secondary Shrunken Buphthaln Exophthal Panophthal Microphth Anophthal Injury Stit:— Tumours Cellulitis Tenonitis Periostitis	globe mos lmic goitr almitis almos lmos	 		····		suk	 				glar		 			2,, 3,, 5,
Primary, a ,,, Secondary Secondary Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal Injury Solit:— Tumours Cellulitis Tenonitis Periostitis Injuries	globe nos lmic goitr almitis almos lmos	···		····		suk	 				glan					2,, 3,, 5,
Primary, a "" Secondary Secondary Secondary Sobe:— Shrunken Buphthaln Exophthal Panophthal Injury Sobit:— Tumours Cellulitis Tenonitis Periostitis Injuries Cyst, from	globe nos lmic goitr almitis almos lmos	 		····		suk	 				glan					2,, 3,, 5,
Primary, a ,,, Secondary Secondary Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal Injury Solit:— Tumours Cellulitis Tenonitis Periostitis Injuries	globe nos lmic goitr almitis almos lmos ntal noidal	····		····		suk	 				glan					2,, 3,, 5,
Primary, a ,,,,,, Secondary Secondary Secondary Shrunken Buphthaln Exophthal Panophthal Microphth Anophthal Injury Stit:— Tumours Cellulitis Tenonitis Periostitis Injuries Cyst, from ,, ethn	globe nos lmic goitr almitis almos lmos lmos lmos do socket			····		suk	 				glan					2,, 3,, 5,
Primary, a ,,, Secondary Secondary Secondary Shrunken Buphthaln Exophthal Panophtha Microphth Anophthal Injury Solit:— Tumours Cellulitis Tenonitis Periostitis Injuries Cyst, from ,, ethn Contracted	globe nos lmic goitr almitis almos lmos lmos lmos do socket			···		suk	 				glan					2,, 3,, 5,
Primary, a ,,, Secondary Secondary Secondary Shrunken Buphthaln Exophthal Panophthal Injury Solit:— Tumours Cellulitis Tenonitis Periostitis Injuries Cyst, from ,, ethn Contracte Fly-blown	globe nos lmic goitr almitis almos lmos lmos lmos			····		suk	 				glan					2,, 3,, 5,

TABLE IX.—CAUSES OF OPTIC ATROPHY.

Atrophy:—	
Tabes	10
Disseminated sclerosis	2
	- 2
Lebers hereditary optic atrophy	
	_
Autorianala	, •
	6
or injury by a projectile or bony fracture may produce optic atrophy of a primary type	7
(3) Retro-bulbar neuritis:—	
The acute form causes atrophy of the optic nerve, primary in type not infrequently. The chronic form more rarely	
·	
	9
(b) Acute fevers including syphilis and rhoumatism)	$2\overline{2}$
(d) Nervous diseases (disseminated solarous aguita myolitic)	$\frac{}{22}$
Chronic retro-bulbar neuritis may be caused by tobacco, alcohol, diabetes, iodoform, opium, etc.	11
Post-neuritic:—	
The causes of optic neuritis, all of which may be followed by post-neuritic atrophy, are as follows:—	
(a) Sepsis (dental, periostitis, middle ear, accessory sinuses)	12
(c) Intoxications (kidney disease and diabetes, alcohol, felixmas)	144 14
(d) Nervous diseases: Diss. sclerosis, G.P.I., epilepsy	2
	$\begin{array}{c} 32 \\ 2 \\ 6 \end{array}$
(g) Undetermined	$\tilde{6}$
Consecutive	2
Total	298
	•
TABLE X.—LIST OF UPERATIONS.	
	(1) Primary:— The spinal diseases causing the condition are:— G.P.f Tabes Disseminated sclerosis Lateral sclerosis Spastic paraplegia Lebers hereditary optic atrophy Congenital optic atrophy It may also be caused by:— Arterio-sclerosis (2) Compression of the optic chiasma or of the optic nerve by a tumour or injury by a projectile or bony fracture may produce optic atrophy of a primary type (3) Retro-bulbar neuritis:— The acute form causes atrophy of the optic nerve, primary in type not infrequently. The chronic form more rarely. Acute retro-bulbar neuritis. The causes are:— (a) Sepsis (dental, periostitis, middle car, accessory sinuses)

or	Trichiasis and entropic	n :												
	Snellen's	• • •	• • •	• • •	• • •	• • •		• • •	• • •	• • •	• • •	• • •		27,49
	Anagnostakis	• • •	• • •		• • •	• • •	• • •	• • •			• • •			4
	Snellen-Anagnostakis	• • •	• • •	• • •	• • •	• • •		• • •	• • •	• • •	• • •	• • •	• • •	20
	Canthoplasty			• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •			49
	Grafting mucous mem				• • •	• • •	• • •	• • •	• • •	• • •		• • •	• • •	5,06
	Electrolysis (minor)		• • •	• • •	• • •	• • •	• • •		• • •	• • •	• • •	• • •		2,59
	Excision of lash (mine	r)		• • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	22
	Other operations		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •	1	59
or	Ectropion :—					•								
	Plastic	• • •	• • •				• • •						• • •	
	MacCallan's							• • •	• • •					1

TABLE X.—LIST OF OPERATIONS (continued).

	Total brought	forward	•••	36,739
Eyelids (contd.):—				
For Ectropion (contd.):—				
Kenneth Scott's	•••	•••	•••	
Kuhnt's Other operations			•••	21
				7.0
For ptosis For symblepharon			•••	16 59
For hordeolum and chalazion (minor)			•••	1,157
	•••			108
Wart excised (minor) Restitching wounds (minor)				32
Opening abscesses (minor)		•••	•••	573 15
Other operations	•••	•••	•••	
Conjunctiva:—				
For trachoma:—				
Expression or Mechanical Treatment (n			•••	17,436
Combined excision of Heisrath Post-trachomatous degeneration (minor)				540 15,469
1 ost-trachomatous degeneration (minor)	•••	•••	•••	
Other operations (minor)		•••	•••	449 135
Pterygium			•••	1,159
Cornea:—				407
Foreign body removed (minor) Sæmisch's section		•••	•••	$\begin{array}{c} 431 \\ 101 \end{array}$
Sæmisch's section		••• •••	•••	49
7 .				
Iris:—				0.790
Iridectomy for adherent leucoma visual			•••	$\begin{bmatrix} 2,729\\ 326 \end{bmatrix}$
", for glaucoma			•••	503
,, preliminary for cataract Cystoid cicatrix		•••	•••	44 5
Cystoid cicatrix Division of anterior synechia		••• •••	•••	23
Various		•••	***	56
Lacrimal Sac :—				
Excision				204
Slitting canal			•••	13
Various (minor)	• • • • • • • • • • • • • • • • • • • •	•••	•••	658
Lens:—				
For senile cataract:—				
Extraction with iridectomy	•••	•••	•••	861
" after previous iridectomy			•••	50
For membrane after extraction: Discission		••• •••	•••	483
For soft cataract:—				
Extraction		•••	•••	9 86
Discission				221
Paracentesis	•••	•••		3
For membrane after evacuation:—	•			
Discission	•••		•••	83
Capsulotomy	•••	•••	•••	18
	Total carried	l forward	•••	80,961
				7.00

Table X.—List of Operations (continued).

						Тота	L br	ought	for	ward	• • •	• • •	• • •	80,961
Globe:—														
Trephining of corn							• • •	•••	• • •	• • •	• • •	• • •	• • •	643
Trephining Excision		• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	10 433
Excision Evisceration	•••	• • •	• • •	• • •	• • • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	201
Paracentesis		• • •	•••	•••	• • • •	• • •	• • •	•••	•••	• • •	• • •	• • •	• • •	35
				• • • • • • • • • • • • • • • • • • • •		***		***	•••			•••	• • •	
Orbit:—														
Exenteration	• • • • • •			•••	• • •	• • •		• • •				• • •	• • •	7
For tumour	• • • • • • • • • • • • • • • • • • • •					• • •	• • •							6
For dermoid	• • • • • • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •			13
For cellulitis		• • •	• • •	• • •	• • •	• • •	• • •	• • •		• • •		• • •	• • •	9
For cyst, frontal	 .1	• • •	• • •	• • •	•••		• • •	• • •	• • •	• • •	- • •	• • •	• • •	
,, ethmoid Tenotomy and ad				•••	• • •		• • •	• • •	• • •	• • •	• • •	•••	• • •	3
Other major operations			• • •	• • •	• • •		• • •	• • •		• • •	• • •	• • •	• • •	142
· ·		•••	•••	•••	* * *	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	112
Trial with magnet	t:—													
Positive	• • • • • • •	• • •	• • •	• • •	• • •	• • •	• • •			• • •	• • •	• • •	• • •	1
Negative	•••	•••	• • •	• • •	• • •	• • •	• • •		• • •					2
									r	Гота	Τ			82,466
										0 111				52,200

TABLE XI.—PATHOLOGICAL REPORT.

Tissues hardened, Sections cut and examined microscopically at the Ophthalmic Laboratory during 1923.

LIDS:—														
Inflammation	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	2
Tumours:—														
Benign including cysts		• • •	• • •	• • •		• • •	• • •		• • •	• • •		• • •		15
Malignant	•••	•••	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	17
Conjunctiva :														
														30
Inflammation Degeneration		•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	13
	•••	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••		10
Tumours:—														
Benign including cysts	•••	•••	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	15
Malignant	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	5
LIMBUS :														
Tumours:—														
Benign including cysts				• • •	• • •	• • •	• • •		• • •	• • •		• • •	• • •	10
Malignant	•••		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	• • •	4
Cornea:—														
														3
Wounds	• • • • • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	O
Tumours:—														
Benign	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	4
Malignant	•••	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	•••	3
SCLEROTIC:—														
Wounds		• • •		• • •	• • •	• • •	• • •	• • •		• • •		• • •		2
								_		7.0		7		7.00
								C	arrie	ed fa	rwar	d	• • •	123
)	

TABLE XI.—PATHOLOGICAL REPORT (contd.)

										В	roug	ht fo	rwar	d		123
Iris and Ciliary Body:-	-															90
Inflammation Tumours, Benign inclu	ding	 cyst	 S	•••	•••		•••	•••	•••	•••	•••	•••	•••	•••	•••	23.
OPTIC NERVE :-																
Tumours, Malignant	• • •	•••	•••	•••	•••	•••	• • •	•••	•••	•••	•••	•••	•••	• • •	•••	1
Choroid:—																1
Tumours, Malignant	• • •	•••	•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	1
RETINA:—																2
Inflammation Tumours, Malignant		• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	• • •	•••	•••		3
Orbit:—																
Tumours:—																. 1
Inflammation			• • •	•••	•••		•••	•••	•••	•••	•••	•••	• • •	•••	•••	1 1 7
Benign including (Malignant	-						• • •	•••	•••	•••	• • •	•••	•••	•••	•••	6
Lacrimal Gland:—																
Tumours:—																
Benign including	cvsts	• • •	•••			•••	•••		•••	•••	•••	•••	•••	•••	•••	1
Malignant	-					• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	1
LACRIMAL SAC:—																
Inflammation	• • •					•••	•••	• • •	•••	•••	•••	•••	•••	•••	•••	33
LACRIMAL CANAL:-																
Inflammation	• • •	• • •	•••			•••	• • •	• • •	•••	•••	•••	•••	•••	•••	•••	1
GLAUCOMA:—																
Primary	• • •	•••	• • •	• • •	•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	5
Secondary:—																
Cause unknown						•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	100
Anterior synechia Injury of lens							• • •	•••	•••	• • •	•••	•••	•••	• • •	•••	182
Inflammation (irie							•••	•••	•••	•••	•••	•••	•••	•••	•••	1
PANOPHTHALMITIS:—																
Endogenous	•••	•••	•••	•••	•••	• • •	•••	•••	• • •	•••	•••	•••	•••	•••	•••	2
SYMPATHETIC OPHTHALMIA	• • •	•••	•••	• • •	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	2
Phthisis Bulbi :—																
Inflammation	•••			•••	•••	•••	•••	•••	•••	•••	•••	•••		•••	•••	27
Post operative	•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	1
FLY BLOWN ORBIT	•••	•••	•••		•••	•••	•••	• • •	•••	•••	•••	•••	•••	•••	•••	4
Unclassified	•••	•••	•••	•••	•••	•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••	12
Undetermined	•••	• • •	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	14
Examination of Cells:-	_															
Eosinophilia:—																
Positive	• • •	• • •	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	10
Negative	•••	• • •	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	•••	7
OTHER ANIMALS (Horses,			d D	onke	ys):										•	
Diseased Normal	• • • •	• • •	• • •	•••		•••	•••	•••	• • •	•••	•••	•••	•••	•••	•••	20
Normal		• • •	• • •	•••	• • •	• • •	•••	•••	•••	•••	• • •	•••	_	•••	•••	
													Тот.	AL	•••	496

TABLE XII.—WASSERMANN TESTS.

Positive	•••	•••	•••	• • •	•••	• • •	•••	• • •	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	• • •	17
Doubtful	• • •	•••	• • •	•••	• • •	• • •	• • •	• • •	• • •		• • •	• • •	• • •	• • •	• • •		• • •	• • •		3
Negative	•••	•••	•••	•••	•••	•••	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	69
Unfit	•••	•••	•••	•••	•••	•••	•••	• • •	•••	• • •	• • •	• • •	•••	• • •	• • •		• • •	• • •		6
																7	Гота	L		95

TABLE XIII.—Number of Patients treated and Operations performed at the Ophthalmic Hospitals during 1923.

HOSPITALS.	Number of Patients.	Hospitals.	Number of Operations
No. 1, Rôd el Farag	15,209	No. 2 S.O.H., Gîza	8,168
No. 2 S.O.H., Gîza	14,974	No. 1, Rôd el F arag	8,102
Tanta	9,993	Tanta	4,825
Alexandria	8,906	Asyût	4,652
Port Said	8,154	Shibîn el Kôm	4,065
Asyût	8,043	Qena	3,963
Beni Suef	7,375	No. 3 T.O.H	3,866
Shibîn el Kôm	7,156	Beni Suef	3,694
Benha	6,911	Benha	3,673
Asyût P.C.T.O.H	6,616	Asyût P.C.T.O.H	3,548-
Zagazig	5,824	Daqahlîya P.C.T.O.H	3,256
Mahalla el Kubra	5,759	Mansûra	3,076
Sohâg	5,671	Sohâg	3,038
Ma nsûra	5,410	Faiyûm	3,002
Minya	5,389	Alexandria	2,799
Daqahlîya P.C.T.O.H	5,180	Mahalla el Kubra	2,760
Faiyûm	5,171	Minya	2,679
No. 3 T.O.H	5,091	Zagazig	2,661
Qena	4,485	Santa	$2,542^{\circ}$
Damanhûr	4,353	Damanhûr	2,233
Santa	4,210	Damietta	2,092
Damietta	4,008	Kafr el Zaiyât	1,953
Kafr el Zaiyât	2,949	Port Said	1,819

N.B.—Number of working days :—		Months.	Days
Qena (opened on April 24, 1923) Damietta (opened on May 1, 1923) No. 3 T.O.H Daqahlîya P.C.T.O.H Asyût P.C.T.O.H Other Hospitals	• • •	8 8 9 9 10 12	7 23 4 7

Table XIV.—Average Number of Operations per Month at all Ophthalmic Hospitals during 1923.

Hospitals.		MAJOR.	Hospitals.	MINOR.
No. 1, Rôd el Farag	•••	312	No. 2 Stationary, Giza	382
No. 2 Stationary, Gîza	•••	298	No. 1, Rôd el Farag	363
Qena	•••	230	Qena	251
Asyût	•••	217	Tanta	225
Shibîn el Kôm		208	No. 3 T.O.H	207
Benha	•••	198	Asyût P.C.T.O.H	207
Beni Suef	•••	192	Daqahliya P.C.T.O.H	175
Sohâg		192	Asyût	171
No. 3 T.O.H		191	Damietta	141
Tanta ··· ···		 177	Shibîn el Kôm	131
Faiyûm ··· ···	•••	 172	Alexandria	125
Daqahliya P.C.T.O.H.		 153	Mahalla el Kubra	123
Mansûra	•••	 15 0	Beni Suef	116
Asyût P.C.T.O.H	•••	 140	Benha	108
Zagazig		 139	Mansûra	106
Minya		 129	Minya	94
Damietta		 120	Santa	93
Santa		 119	Damanhûr	85
Alexandria		108	Zagazig	83
Mahalla el Kubra	•••	108	Kafr el Zaiyât	82
Damanhûr	•••	102	Faiyûm	79
Kafr el Zaiyât	•••	80	Port Said	79
Port Said	• • • • •	 72	Sohâg	61

TABLE XV.—NEW PATIENTS TREATED ACCORDING TO THE AGE AT WHICH THEY SOUGHT TREATMENT.

			A	.ge.				No. of Patients.
Under	or	ie j	year	:	• • •	•••		10,202
From	1	to	5	years		•••		21,128
22	6	to	10	years	• • •	•••		17,260
,,	11	to	15	,,	•••	•••		15,558
,,	16	to	20	,,		•••		11,717
,,	21	to	25	,,		• • •	• • •	12,135
,,	26	to	30	,,	• • •	• • •		12,836
:)	31	to	35	,,	•••	•••		12,137
23	36	to	40	,,	•••	•••		10,756
33	41	to	45	,,		•••		7,830
,,	46	to	50	,,				6,796
,,	51	to	55	,,				4,435
,	56	to	60	,,			• • •	5,264
"	61	to	65	,,				3,607
,,	66	to	70	,,				2,538
Over	70	yea	ars					2,638
				To	ΓAL	• • •		156,837

TABLE XVI.—NEW PATIENTS TREATED PER MONTH.

January	• • •				• • •						• • •						• • •		6,914
February			• • •			• • •		• • •	• • •	• • •	• • •	• • •	• • •				• • •	• • •	6,335
March			• • •		• • •	• • •	• • •			• • •	• • •	• • •	• • •						9,038
April								• • •	• • •	• • •	• • •	• • •		• • •		• • •			9,118
May	• • •	• • •	• • •		•••	• • •	• • •	• • •	• • •	• • •	• • •	•••		• • •		• • •	• • •	• • •	13,146
June								• • •		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		17,693
July	• • •								• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •		15,804
August	•••			•••	• • •			•••	• • •	• • •	• • •	• • •	•••	• • •	• • •	• • •	• • •	• • •	19,018
September		• • •	• • •		•••	•••		• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •	• • •		19,022
October											• • •		• • •	• • •	• • •	• • •	• • •		14,843
November										• • •	• • •	• • •	• • •	• • •	• • •		• • •	• • • •	13,548
December									• • •		• • •		***	•••			• • •	• • •	12,358
															•••	•••	•••	* * *	
															Т	OTAL			156,837
															_	O LILL	•••	•••	100,001

TABLE XVII.—AVERAGE TEMPERATURE.

The average temperature was arrived at by taking one place in Lower Egypt (Qurashîya), one place in Cairo (Gîza), and one place in Upper Egypt (Asyût) and obtaining an average figure from the mean temperature at each place on each month. This is shown in appended table, the readings being in degrees centigrade.

		М	ONTH	Ι,	1	,		Qurashîya.	Gîza.	Asyût.	Average.
January February March April May June July August September October November December	 							10·5 11·8 13·8 17·4 22·8 26·0 26·0 26·0 24·5 20·7 18·1 13·4	10·8 12·7 14·3 18·0 23·2 26·5 26·2 26·3 24·3 20·9 18·3 13·4	12·0 13·8 16·7 21·3 26·8 30·8 29·2 29·5 26·2 22·9 19·4 13·8	11·1 12·8 14·9 18·9 24·3 27·8 27·1 27·3 25·0 21·5 18·6 13·5

TABLE XVIII.—BLINDNESS AMONG OUT-PATIENTS SINCE 1909.

YEAR.	NUMBER OF	ONE	EYE.	Вотн	EYES.	EYE	ND BOTH
	PATIENTS EXAMINED.	Number.	Per Cent.	Number.	Per Cent.	Number.	Per Cent.
1909	31,274 43,668 62,233 75,398 71,930 94,447 100,410 90,668 83,577 108,113 127,223 147,492 174,004	$\begin{array}{c} 2,116 \\ 2,438 \\ 3,196 \\ 4,115 \\ 5,360 \\ 6,425 \\ 5,637 \\ 7,042 \\ 9,385 \\ 8,969 \\ 8,537 \\ 9,833 \\ 10,566 \\ 12,524 \\ 14,394 \\ \hline \\ 110,537 \\ \end{array}$	9·4 9·5 10·2 9·4 8·6 8·5 7·8 7·4 9·3 9·9 10·2 9·1 8·3 8·5 8·5	1,385 2,010 2,811 2,824 3,878 3,591 2,992 3,504 4,611 4,261 4,278 5,154 5,053 4,850 5,146 56,348	6·1 7·8 8·9 6·4 6·2 4·7 4·2 3·7 4·6 4·7 5·1 4·7 3·9 3·3 2·9	3,501 4,448 6,007 6,939 9,238 10,016 8,629 10,546 13,996 13,230 12,815 14,987 15,619 17,374 19,540	15.6 17.4 19.2 15.8 14.8 13.2 12.0 11.2 13.9 14.6 15.3 13.8 12.2 11.8 11.2

TABLE XIX.—TOTAL PERCENTAGE OF BLINDNESS IN ONE OR BOTH EYES.

manent Hospitals:— Tanta	7·82 19·05 17·70 16·40 17·76 9·20 6·30 16·30 19·80 12·36 9·60 10·70	9·78 16·50 19·30 17·07 11·10 9·77 9·09 16·16 19·85 11·10	8.78 14.32 18.79 17.55 11.58 9.49 9.06 13.74	8.06 14.25 18.54 17.34 10.47 9.75
Tanta Asyût Mansûra Beni Suef Zagazig Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm	$19 \cdot 05$ $17 \cdot 70$ $16 \cdot 40$ $17 \cdot 76$ $9 \cdot 20$ $6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c} 16 \cdot 50 \\ 19 \cdot 30 \\ 17 \cdot 07 \\ 11 \cdot 10 \\ 9 \cdot 77 \\ 9 \cdot 09 \\ 16 \cdot 16 \\ 19 \cdot 85 \end{array} $	$ \begin{array}{c} 14 \cdot 32 \\ 18 \cdot 79 \\ 17 \cdot 55 \\ 11 \cdot 58 \\ 9 \cdot 49 \\ 9 \cdot 06 \\ 13 \cdot 74 \end{array} $	$14 \cdot 25$ $18 \cdot 54$ $17 \cdot 34$ $10 \cdot 47$ $9 \cdot 75$
Asyût Mansûra Beni Suef Zagazig Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm	$19 \cdot 05$ $17 \cdot 70$ $16 \cdot 40$ $17 \cdot 76$ $9 \cdot 20$ $6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c} 16 \cdot 50 \\ 19 \cdot 30 \\ 17 \cdot 07 \\ 11 \cdot 10 \\ 9 \cdot 77 \\ 9 \cdot 09 \\ 16 \cdot 16 \\ 19 \cdot 85 \end{array} $	$ \begin{array}{c} 14 \cdot 32 \\ 18 \cdot 79 \\ 17 \cdot 55 \\ 11 \cdot 58 \\ 9 \cdot 49 \\ 9 \cdot 06 \\ 13 \cdot 74 \end{array} $	$14 \cdot 25$ $18 \cdot 54$ $17 \cdot 34$ $10 \cdot 47$ $9 \cdot 75$
Mansûra Beni Suef Zagazig Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm	$17 \cdot 70$ $16 \cdot 40$ $17 \cdot 76$ $9 \cdot 20$ $6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c} 19 \cdot 30 \\ 17 \cdot 07 \\ 11 \cdot 10 \\ 9 \cdot 77 \\ 9 \cdot 09 \\ 16 \cdot 16 \\ 19 \cdot 85 \end{array} $	$ \begin{array}{c c} 18 \cdot 79 \\ 17 \cdot 55 \\ 11 \cdot 58 \\ 9 \cdot 49 \\ 9 \cdot 06 \\ 13 \cdot 74 \end{array} $	18.54 17.34 10.47 9.75
Beni Suef Zagazig Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm	$16 \cdot 40$ $17 \cdot 76$ $9 \cdot 20$ $6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c} 17 \cdot 07 \\ 11 \cdot 10 \\ 9 \cdot 77 \\ 9 \cdot 09 \\ 16 \cdot 16 \\ 19 \cdot 85 \end{array} $	17.55 11.58 9.49 9.06 13.74	$17 \cdot 34$ $10 \cdot 47$ $9 \cdot 75$
Zagazig <	$17 \cdot 76$ $9 \cdot 20$ $6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$9.77 \\ 9.09 \\ 16.16 \\ 19.85$	$ \begin{array}{c c} 9 \cdot 49 \\ 9 \cdot 06 \\ 13 \cdot 74 \end{array} $	9.75
Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm	$6 \cdot 30$ $16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c c} 9 \cdot 09 \\ 16 \cdot 16 \\ 19 \cdot 85 \end{array} $	$\begin{array}{c} 9 \cdot 06 \\ 13 \cdot 74 \end{array}$	
Sohâg	$16 \cdot 30$ $19 \cdot 80$ $12 \cdot 36$ $9 \cdot 60$	$ \begin{array}{c c} 16.16 \\ 19.85 \end{array} $	$13 \cdot 74$	(1 (10)
Minya Faiyûm	19.80 12.36 9.60	19.85		$\begin{array}{c} 8 \cdot 23 \\ 11 \cdot 77 \end{array}$
Faiyûm	$12 \cdot 36 \\ 9 \cdot 60$		19.04	$17 \cdot 41$
			$14 \cdot 17$	$10 \cdot 30$
Benha	10.70	$7 \cdot 40$	$9 \cdot 67$	10.91
Alexandria	10 10	9.70	$9 \cdot 67$	$6 \cdot 99$
Aswân (Oph. Branch)	E0	$ \begin{array}{c c} 14 \cdot 60 \\ 6 \cdot 13 \end{array} $	$\frac{}{3\cdot00}$	$\frac{-}{2\cdot 76}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		— O 13	_	14.97
Qena	_	_		$16 \cdot 70$
Mahalla el Kubra	$10 \cdot 40$	$9 \cdot 20$	8.65	$7 \cdot 07$
Kafr el Zaiyât	10.93	10.88	$egin{array}{c} 9 \cdot 34 \ 12 \cdot 55 \end{array}$	$\begin{array}{c c} & 6 \cdot 77 \\ 12 \cdot 46 \end{array}$
Santa	13.84	12.63	12.99	12 10
avelling Hospitals:—				
No. I. Travelling:—				
Idfu	$24 \cdot 16$. —	_
Damietta	$14 \cdot 30$		10.90	$\frac{}{12 \cdot 22}$
Rôd el Farag	16.86	14.35	$12 \cdot 30$	14.42
No. II. Stationary:—				
Gîza	$14 \cdot 73$	13.09	13.03	12.88
No. III. Travelling:—				
	$15\!\cdot\!25$			
Barrage Port Said	$19 \cdot 29$ $11 \cdot 12$			_
Nag Hammâdi	9.42	4.10	_	_
Aswân	_	20.26	16.36	$12 \cdot 3$
Luxor		_	8.90	$\frac{1}{12\cdot 6}$
Esna	_	_		12.0
Asyût Travelling:—				
Manfalût	_	6.46		5.8
Deirût	$14 \cdot 22$	_	_	7.6
Mallawi	20.00		9.70	
Abnûb	15.27	$14.60 \\ 9.80$	$\frac{}{14\cdot 10}$	$\begin{array}{c c} 5.8 \\ 11.2 \end{array}$
Abu Tîg Badâri		J - 30	$6 \cdot 22$	
Daqahlîya Travelling:				
Mit-Ghamr	18.50	_	9.60	
Matarîya	_	8.95		6.2
Dikirnis	_	11.10	10.10	12.6
Fariskûr	$\frac{}{16\cdot 56}$		10.18	$\frac{}{13\cdot 0}$
Aga Simbillawein	15.58	$12 \cdot 32$	$\frac{-}{20 \cdot 29}$	19.8

TABLE XX.—Sources of Provision of Hospitals.

	Date at which		Public Subscription	Provincial Councils
Hospitals,	opened.	Government Grant.	or Private Benefaction.	or Municipality.
		L.E.	L.E.	L.E.
No. 1 Travelling*	1904	_	1,000	
No. 2 Camp†	1905		. —	1,500
Tanta	1908	8,463	-	
Asyût	1911	8,817 and site	5,004	
Mansûra	1912	_	5,000	
Beni Suef	1912	_	4,000	_
Asyût Travelling	1912	_		720
Zagazig	1913	_	_	4,286
Mahalla el Kubra	1913		_	2,400
Kafr el Zaiyât	1913			2,200
Daqahlîya Travelling	1913	_	_	720
Damanhûr	1914		_	5,000
Shibîn el Kôm	1914	_	5,422	
Sohâg	1914	960	4,000	_
Minya	1915			5,500
Santa	1915	-	_	2,600
Faiyûm	1916	Site.		4,000
No. 3 Travelling‡	1918		1,000	_
Benha	1920		14,000	_
Port Said	1921	1,000		1,000
Qena	1923	-	12,400	2,800
Damietta (temporary)	1923	1,000 and used building.	240	_
Fouad I, Govt. Ophthalmic Hospital, Giza	1924	3,000 and site.	8,668	600
TOTAL		23,240	60,734	33,326

^{*} Retained in Cairo for provision of clinical facilities for teaching.

[†] Stationary at Gîza until completion of Gîza Permanent Ophthalmic Hospital. ‡ For South Egypt, Luxor to Aswân, until Aswân Permanent Hospital is completed.

Table XXI.—Actual Expenditure.—(A) Central Administration, 1922-1923.

CHAPTER.	Grant.	Expenditure.
	L.E.	L.E.
Pensionable staff	$6,402 \\ 261$	6,049 308
Allowances:— Ophthalmic allowance	216 48	35 48
Transport, transfer, and travelling allowance	1,382 42 23 30 20	960 42 23 * 4 1
Total	8,424	7,470 †

^{*} Excluding trunk line calls.

Table XXII.—Actual Expenditure.—(B) Government Ophthalmic Hospitals, 1922-1923.

CHAPTER.	Grant.	Total Actual Expenditure.
	L.E.	L.E.
Pensionable staff	9,944(1)	$10,555(^{2})$
Hors cadre staff	7,419	6,834
Ophthalmic allowance	$1,968(^3)$	586
Transport, transfer and travelling allowance	1,798	1,576
Food	5,484	4,048
Forage	51	. 30
Water	325	231
Light	180	108
Disposal of sewage	100	37
Heating	—(⁴)	590
Rent	100	76
Telegrams and telephones	177	108
Stores:—		5 465
General equipment		$\begin{array}{c c} & 5,465 \\ & 166 \end{array}$
Surgical equipment		$\begin{array}{ c c } \hline & 100 \\ 642 \\ \hline \end{array}$
Instruments	14)	
Drugs	(4)	$\frac{2,420}{402}$
Dressings		493
Purchase of Animals		11
Transport of stores	1.0	156
Books and periodicals	12	12
Petty expenses (including move of Travelling Camps)	628	625
Тотац	_	34,769(5)

⁽¹⁾ To this L.E. 201 is granted by the Government for the salary of the medical officer of Daqahlîya Provincial Council Travelling Ophthalmic Hospital which is recovered from the said Council.

[†] Two posts of divisional inspectors were vacant the whole year, one of which to cover the extra expenses of an Ophthalmic Medical Officer in the Educational Mission in England.

⁽²⁾ The increase of expenditure on the grant is due to the new regrading.

⁽³⁾ To this L.E. 72 is granted by the Government for the Ophthalmic allowance of the M.O. of Daqahliya Provincial Council Travelling Ophthalmic Hospital which is recovered from the said Council.

⁽⁴⁾ No special grant for the ophthalmic hospitals. The grant is for the various units of the whole Department.

⁽⁵⁾ Excluding repairs being omitted as the credit is at the disposal of the Public Works Ministry and no return is made

Table XXIII.—Actual Expenditure.—(B) Government Ophthalmic Hospitals (per Unit), 1922-1923.

TOTAL.	L.E.	10,555*	6,834	*986	1,576	1,048†	30	231	108	37	590	92	108	•	5,465	166	642	2,420	493		156	12	625	34,769
Suez.	L.E.	136	7	28	7	1	1	-			į	1	1		age of	1	1				1	1		215
Cairo Schools.	L.E.	215	43	72	-		1	-			1	1	1		1	1	1			-	1	1	!	330
sttteimsd.	L.E.	158	4	27	45		1	1					1			1					1		**************************************	231
Депя.	L.B.	106	40		114	ા	-	ı	;	1	1		1		1	1		1	-	1			2	595
Port-Said.	L.E.	431	303	12		34				1	ઝ				276		134	145	46		21		c.	1,427
Alexandria Oph Branch sold Schools.	L.E.	488	157	38	16	96	ı	1				-	1			1	1					1		795
Вепра	L.B.	979	425	56	58	191	1	36		1	1	-	91		167	28	12	188	33	1	12		15	1,809
.inûyisA	L.E.	564	394	18	95	192		1		24		1	I		220	-	21	175	28		12		18	.,773
.syniM	L.E.	734	412	9	09	270	1	1	-	1	1		10		301		39	134	39		12		13	,031
.gådoS	L.E.	505	425	24	20	445				1	80				299		18	97	31		12		27	,985 2
Shibîn el Kôm.	L.E.	495	433	23	77	396					06		<u> </u>		94	29		135	25	1	122		14	,798 1
.:ւմոնուուն	L.E.	481	378	9	821	195	1	30					6		212	12	∞	09	32		12		11	,475
·zizezeZ	L.E.	652	454	48	02	248	1	15		9	84	1			355	29	133	84	26		122		15	1 160,
Beni Suef.	L.B.	699	426	9	£4	560	-	31	28	63	00		6		239	29	<u> </u>	173	30	1	12		77	,069
.srûsnsM	T.E.	762	430	9	17	364		10	98		1 9				250		47	213	1		15	-	97	,239 2
.tûysA	L.E.	928	553	78	188	362		44	40	1	06	1	12		586		30	240	54		12		23	,248 2
.թժուհ	L.E.	944	473	59	102	323	1	46	14	, CO	06		10		452	28	15	263	63	1	12		17	,917 3
No. 3 Camp.	L.B	550	441	29	352	255	9	6	1		1	10	1		463		107	172		11	12		364	,820
Vo. 2 Camp.	L.E.	979	632	36	75	246	11			1	1	99			908		110	81	5			-	35,	,732 2
No. 1 Camp.	L.E.	485	434	9	187	199	13	10		1	1	-			745	જા	62	260	75		1		1.9	2,515 2
CHAPTER,		Pensionable staff	Hors cadre staff	Ophthalmic allowance	Transport, transfer and travelling allowance	Food	Forage	Water	Light	Disposal of sewage	Heating	Rent	Telegrams and telephones	Stores:—	General Equipment	Surgical Equipment	Instruments	Drugs ::	· Dressings	Purchase of Animals	Transport of stores	Books and periodicals	Petty expenses	Total 2

* Excluding, L.E. 257 salary of the M. O. of Daqahlia P.C.T.O.H., which is recovered by the said Council. † Including cost of butter supplied by Central Stores.

TABLE XXIV.—ACTUAL EXPENDITURE.—(C) PROVINCIAL COUNCIL OPHTHALMIC HOSPITALS, 1922-1923.

LÎYA.		Expenditure.	L.E.	316	248		158	= 1	11	1		124	F6 (83	1	-	10	1,057	
Дадан цуха.		Grant.	L.E.	353	288	and the second	100	001	20	Iõ		~	2007	150	∞ +	;	GI .	1,310	
JT.		Expenditure.	L.E.	199	114	1	69	i	ာ က	1		98	39	89	1	1	6	584	
ASYÛT.		Grant.	L.E.	231	115	İ		.slis	qep o	u 's	A61S6	ib səst	ғәdә	b rot	550	·E.	J	999	
	٠٠	Santa.	L.E.	253	208	24	14	105		1		119	26	116	1	, 	6	928	
	Expenditure Per Unit.	Kafr el Zaiyât.	L.E.	266	115	ı	11	1	ec.	,		49	13	73	1		ro	536	
GHARBÎYA.	Ex	Mahalla el Kubra.	L.E.	270	119	1	П	1		,		34	\ \ \	122	1	<u>01</u>	ಣ	594	
		Expenditure.	L.E.	682	442	24	36	105	~ 				270	311	!	4	17	2,006	
		Grant.	L.E.	626	570	24	18	130	- F6	4°C			200	240	1	ಣ	2 1	2,536	
		CHAPTER.					Transport and travelling allowance	Food	Water	Light and heating	Rent	ге 			Stationery and periodicals	Post and telegrams	Petty expenses	Total	

N.B.—Up-Keep: Gharbîya Provincial Council Budget L.E. 50 for each hospital.

TABLE XXV.—Comparison of the Cost of Maintenance of a Permanent Ophthalmic Hospital in 1914 and 1923.

	Number.	1914.	TOTAL.	Number	1923.	TOTAL.
		L.E.	L.E.		L.E.	L.E.
ART. 1.—Salaries, Wages, and Allowances:—						
A.—Pensionable Staff:—						
Medical Officer	2 1	33 6		$\begin{bmatrix} 2 \\ 1 \end{bmatrix}$	$420 \\ 72$	
	3		396	3		492
C.—Hors Cadre Staff:—						
Moawin	$\begin{bmatrix} 1 \\ 1 \\ 2 \\ 2 \end{bmatrix}$	48 36 42 36		$\begin{bmatrix} 1\\2\\5\\2 \end{bmatrix}$	$egin{array}{c} 60 \\ 84 \\ 150 \\ 42 \\ \end{array}$	
Cook	1 1	24 18		1 1 1	$\begin{bmatrix} 42 \\ 30 \\ 30 \end{bmatrix}$	
Boab	1 3	18 54	276			438
	12			13		#00
E.—Allowances		72	72		_	<u> </u>
ART. 2.—Transport, Transfer, and Travelling Allowances:—						
Transport		} 50	50		10 10	
Travelling allovance)				40
Art. 3.—Food			139			368
ART. 5.—Rent, Water, Lighting, etc.:—						
Water		30 40			60 40	
Lighting		20 12			_30	
			102			130
ART. 6.—Books and Periodicals			1			1
ART. 7.—Telegrams and Telephones:—						
Telegrams		9	9	{	1 10	
			10			11 20
Art. 8.—Petty Expenses			300			500
Art. 11.—Stores						
						2.000
Total	1		1,357			2,000

TABLE XXVI.—COST OF UNIFORM DIETS FOR ALL IN-PATIENTS AT THE OPHTHALMIC HOSPITALS DURING 1923, EXCLUDING COST OF RATIONS OF EMPLOYEES.

			Hospi	TALS							Number of Diets issued.	Total Cost.*	Cost per Day per Head.
												L.E.	Mills.
No. 3 Camp, As Shibîn el Kôm					• • •				•••	• • •	$2,635 \\ 5,613$	141 291	53·69 51·87
Daqahliya Trave	lling	†:	Simb	ellav	vein,	Ag	ga,	Mata	ria	and	1 777	77	43.30
Dikirnis		• • •	• • •	• • •	•••	• • •	• • •	• • •		• • •	1,777 7,091	298	42.02
Sohâg Mansûra								•••			6,878	273	$\frac{39.68}{36.93}$
Asyût			• • •	• • •	• • •	• • •		• • •	• • •	• • •	7,084 3,458	$\begin{array}{c} 262 \\ 125 \end{array}$	36.01
Faiyûm	• • •	• • •					• • •				6,722	240	35.65
Tanta Minya							•••				5,840	199 131	34·07 33·64
Damanhûr			• • •	• • •	• • •	• • •	•••			• • •	$\frac{3,895}{3,194}$	105	32.90
Santa† Zagazig	• • •		• • •	• • •	• • •						6,057	185	30·46 29·49
No. 1 Camp, Rô	d el	Fara	ıg	• • •		• • •	• • •	• • •	• • •	• • •	$\begin{array}{c c} 3,912 \\ 7,412 \end{array}$	$\begin{array}{c c} & 115 \\ 201 \end{array}$	$\frac{25}{27.05}$
Beni Suef No. 2 Stationary		 Za	• • •					• • •	• • •	• • •	7,458	167	22.41
Benha	,				•••				•••		5,643	110	19.42
							Тот	AL			84,669	2,920	34.49

^{*} Fuel excluded.

Scale of Full Diet as given to all In-patients at Ophthalmic Hospitals.

										Grammes
Bread										600
D f		• •	• • •	•••						150
Vegetables		• •			• • •	• • •		• • •	•••	150
Lentils				• • •	•••	•••	• • •	• • •	• • •	75 75
Rice	•••	• •	• • •	• • •	• • •	• • •	•••	•••	•••	200
Milk		• •	•••	• • •	• • •	• • •	• • •	•••	•••	25
Artificial b			•••	• • •	•••	• • •	• • •			30
Sugar Salt	•••	• •	•••		• • •			•••		15
Natio	•••	••							1	

Table XXVII.—Number of Beds at the Ophthalmic Hospitals.

		First.	Second.	Third.
No. 1 Travelling No. 2 Stationary No. 3 Travelling Tanta				11 20 10 20
Asyût		1		27 18 17 18
Zagazig Damanhûr Shibîn el Kôm Sohâg				18 15 14
Minya Faîyûm Benha		. –		16 10 14 31
Alexandria			=	$\begin{bmatrix} & 6\\ 18\\ 5 \end{bmatrix}$
Daqahlîya Santa	Тотац			$-\frac{12}{10}$

[†] Rations of these hospitals are not supplied by contractors but bought locally.

Statistics of Ophthalmic Treatment in Schools, 1923-1924.

Ophthalmic treatment has been carried out at the Primary Government Schools of Tanta, Asyût, Mansûra, Beni Suef, Zagazig, Damanhûr, Shebin el Kôm, Sohâg, Minya, Faiyûm, Gîza, Benha, Moharram Bey and Ras el Tin at Alexandria, Hussanieh and Mohammed Aly at Cairo and Qena.

TABLE I.—CONDITION OF CONJUNCTIVA.—(a) BEGINNING OF THE YEAR.

					TRACE	нома.	1	
SCHOOLS.		No. Trachoma.	Non-trachomatous conjunctivitis.	I.	11.	III.	IV.	Total.
		:						
Tanta	•••	113	_	151	67	239	131	701
Per cent	• • • • • •	16.1		21.5	9.5	34.1	18.7	
J	•••	26		76	46	184	207	539
	•••	4.8		14.1	8.2	34.1	38.4	40-
70		82	_	$\begin{bmatrix} 106 \\ 21 \cdot 3 \end{bmatrix}$	$\frac{15}{3 \cdot 0}$	58 11:6	$\begin{array}{c c} 236 \\ 47.5 \end{array}$	497
	•••	16.2						517
	•••	16	_	19 3·5	$\frac{110}{20.1}$	$\frac{121}{22 \cdot 1}$	281 51·3	547
	•••	2.9		57	15		150	405
	•••	57 14·1		14.1	3.7	126 31·1	37.0	400
	•••	10		79	32	155	59	335
T) 1		2.9	_	23.6	9.5	46:3	17.6	000
~		7		4	22	77	64	174
D 1	•••	4.0		2.3	12.6	44.5	36.8	
Sohâg		5	_	49	39	90	55	238
. D		$2 \cdot 1$		20.6	16.4	37.8	23.1	
Minya		. 18		11	22	128	141	320
TD 4		5.6		3.4	6.9	40.0	44*()	
Faiyûm		9		17	39	171	36	272
T		3.3		6.2	14.3	62.9	13.2	
Gîza	•••	13		36	27	89	117	282
T) (4.6	_	12.7	9.6	31.2	41.2	
Benha	•••	7	_	34	51	137	152	381
Per cent		1.8	_	8.9	13.4	35 • 9	39:9	
Moharram Bey		84		144	17	41	66	352
Per cent		23.9		4()•!)	4.8	11.6	18.7	
Hussanieh	•••	62		161	61	200	302	786
Per cent	•••	7.9	_	20.5	7.7	25.4	38.4	(*O**
· ·	•••	20	_	101	64	197	303	685
Per cent	•••	2.9		14.7	9.3	28.8		700
Ras el Tin	•••	199	_	260	33 4.1	$\frac{160}{20.0}$	147	799
	•••	24.9	-	32.5		73	12	238
Qena	•••	3	_	77 32°3	$\begin{bmatrix} 73 \\ 30.7 \end{bmatrix}$	30.7	5.0	200
Per cent	•••	1.3		02 0				
				1989	733	2246	2459	7551
	TAL		_	1382	9.7	29.7	32.6	13176
Per cent	•••	9.7	_	18.3	9 7	25 (02 0	

Table I.—Condition of Conjunctiva.—(b) End of the Year.

				TRACH	OMA.		
SCHOOLS	No. Trachoma	Non-trachomatous conjunctivitis.	I.	II	111.	IV.	Total.
	102		67	13	$\begin{bmatrix} 290 \\ 44 \cdot 1 \end{bmatrix}$	$\begin{array}{c c} 185 \\ 28 \cdot 2 \end{array}$	657
Per cent Asyût	15.5		$\begin{array}{c c} 10.2 \\ 17 \\ 3.4 \end{array}$	1.9 10 1.9	$\begin{bmatrix} 227 \\ 44.9 \end{bmatrix}$	$\begin{bmatrix} 26 & 2 \\ 233 \\ 46 \cdot 1 \end{bmatrix}$	505
Mansûra	3·6 70	_	$\begin{bmatrix} 3 & 4 \\ 82 \end{bmatrix}$ 17.5		$\begin{bmatrix} 37 \\ 7 \cdot 9 \end{bmatrix}$	$\begin{bmatrix} 280 \\ 59 \cdot 7 \end{bmatrix}$	469
Beni Suef	14.9 17 3.3		0.6	$0.\overline{2}$	$\begin{bmatrix} 106 \\ 20 \cdot 6 \end{bmatrix}$	$\begin{array}{c c} 387 \\ 75 \cdot 3 \end{array}$	514
Zagazig	52		10 2.5	0.7	$\begin{bmatrix} 104 \\ 26 \cdot 3 \end{bmatrix}$	$\begin{bmatrix} 226 \\ 57 \cdot 2 \end{bmatrix}$	395
Damanhûr	$\begin{array}{c c} & 10 & 2 \\ & 10 \\ 3 \cdot 1 & 3 \end{array}$		38 11·7	0.9	$\begin{bmatrix} 192 \\ 59 \cdot 2 \end{bmatrix}$	$\begin{bmatrix} 81 \\ 25.0 \end{bmatrix}$	324
Shibin el Kôm	$\begin{array}{c c} & 2 \\ 1 \cdot 2 \end{array}$		5·6	0.6	$\begin{array}{c c} 91 \\ 56.5 \end{array}$	$36\overset{58}{\cdot}0$	161
Sohâg Per cent	$\begin{array}{c c} \cdot \cdot \cdot & 6 \\ 2 \cdot 7 \end{array}$	_	$2 \cdot 7$	1:3	$124 \\ 55.4 \\ 158$	$\begin{bmatrix} 85 \\ 37 \cdot 9 \end{bmatrix}$	224 320
Minya Per cent	$ \begin{array}{c c} & 15 \\ & 4 \cdot 7 \end{array} $			0.9	$ \begin{array}{c c} 158 \\ 49 \cdot 4 \\ 156 \end{array} $	$\begin{array}{c c} 144 \\ 45 \cdot 0 \\ 81 \end{array}$	249
Faiyûm Per cent	3.6	_	$1.\frac{3}{18}$		$\begin{array}{c c} 62 \cdot 7 \\ 97 \end{array}$	$\begin{array}{c c} 32.5 \\ 159 \end{array}$	288
Gîza Per cent	14 4.8 4		$\begin{array}{c c} & 6 \cdot 2 \\ & 25 \end{array}$	9	33·7 164	$\begin{bmatrix} 55.2 \\ 165 \end{bmatrix}$	367
Benha Per cent Moharram Bey	1.1	_	6.8	2.4	44.7	44·9 123	391
Per cent Hussanieh	22.7	_	33.2	0.3	$\begin{array}{ c c c c }\hline 12.3 \\ 276 \\ \end{array}$	31.5	784
Per cent Mohammad Aly	7·7 18	_	16.7	1.1	35.2	39·3 350	684
Per cent Ras El Tin	2.6	_	8.9 160	1:5	$ \begin{array}{c c} 35.8 \\ 170 \\ 22.3 \end{array} $	$\begin{bmatrix} 51.2 \\ 238 \\ 31.2 \end{bmatrix}$	764
Qena Per cent Per cent	25.5 4 1.7		20·9 6 2·6	$\begin{array}{c c} 0.1 \\ 2 \\ 0.9 \end{array}$	170 73·3	$\begin{bmatrix} 51 & 2 \\ 50 \\ 21 & 5 \end{bmatrix}$	232
Total Per cent	685		766	69	2655 36·2	3153 43·0	7328

Table IIa.—Effect of Treatment on Serious Stages of Trachoma.

	BEGIN	NING OF THE Y	EAR.	END OF T	HE YEAR.
Year.	Pupils with any stage of Trachoma.	Pupils with so		Pupils with s	
	No.	No.	Per Cent.	No.	Per Cent.
1907–1908	464	289	62.3		
1914–1915	1,553	342	22.0	61	4.0
1916–1917	1,528	327	21.4	48	3.0
1917–1918	1,699	282	16.6	71	$\begin{array}{c c} 4 \cdot 2 \\ 8 \cdot 2 \end{array}$
1919-1920	2,454	410	16.7	201	8.6
1920–1921	3,363	643	$\begin{array}{c c} & 19 \cdot 1 \\ & 27 \cdot 2 \end{array}$	290 580	11.5
1921–1922	5,036	1,369	$\frac{27 \cdot 2}{32 \cdot 3}$	892	14.5
1922–1923		1,982	31.0	835	12.2
1923–1924	6,820	$2{,}115$	91.9	000	12.2

Table IIb.—Stages of Trachoma at Beginning and End of School Year.

						BEGINNING	OF THE YEAR.	END OF	THE YEAR.
STAC	ES OF	TRAC	AMOH			No.	Per Cent.	No.	Per Cent.
Trachoma	I	• • •		• • •	•••	1,382	20.3	766	11.5
"	III	• • •	•••	• • •	• • •	$\begin{bmatrix} 733 \\ 2,246 \end{bmatrix}$	$\begin{array}{c} 10 \cdot 7 \\ 32 \cdot 9 \end{array}$	69 2,655	$1 \cdot 0$ $39 \cdot 9$
,,	IV		•••	•••	• • •	2,459	36 · 1	3,153	47.5

Table IIIa.—Trachoma and its Relation to School Years (Beginning of the Year.)

		lsr	r Year.				2 _{ND}	YEAR.				3RD	YEAR.				4T)	4тн Убав.		
SCHOOLS.			Trachoma.	ma.		natous.		Trachoma.	ma.		n- natous.		Trachoma.	ta.		on- matous.		Trachoma.	ma.	
	oN noda s aT	ï	II.	III.	IV.	oN nodoeaT	I.	П.	III.	IV.		. I.	II.		IV.		ï	П.	III.	IV.
																			I	
Tanta	25	78	34	32	15	35	42	21	83	33	39	20	<u> </u>	93	47	14	11	ಣ	32	36
Asyût	∞	 66	24	34	37	4	23	12	99	70	6	14	2	20	58	್ತ	9	ಣ	34	43
Mansûra	32	37	1	22	56	24	44	ಸರ	21	73	18	15	6.1	12	80	∞	10	П	ಣ	54
Beni Suef	ಸ	13	73	55	83	<u>ت</u>	ಸರ	56	21	75	67	7	 თ	28	92	-1 1		67	17	47
Zagazig	24	34	12	32	30	10	14	23	39	43	17	2		32	45	9	21		23	32
Damanhûr	Н	31	16	27	13	ಣ	25	6	49	6	9	17	4	49	19	[9	ಣ	30	18
Shibin el Kôm	ಣ	62	10	22	15	П	П	4	17	21	ಣ	П	7	22	18			H	16	10
Sohâg		25	18	31	13		13	11	56	∞	ଚୀ	10	9	25	18	<u> </u>		4	∞	16
Minya	11	10	11	52	32	4		ಸರ	22	- 58	က		ಸರ	37	48				17	33
Faiyûm	ಣ	11	24	36	ಹ	1	67	12	58	12	က	ಣ	ಣ	46	13	62			31	9
Gîza	್ತ	14	22	23	19	4	13	ಸರ	38	40	જ	9		28	49	2	က		10	6
Benha	,—1	12	53	33	22	1	17	13	40	32	——	<u>ت</u>	2	39	54	4		જા	25	1. 1.
Moharram Bey	11	20	10	13	13	32	44	ಸ್ತ	11	21	25	39	9	15	21	16	11		কা	11
Husseinîya	10	22	30	09	30	16	49	16	99		17	25	11	20	97	19	10	4	24	95
Muhammad Aly	ಹ	35	22	42	62	4	30	15	02	87	ರ	18	17	58	93	9	18	10	27	61
Ras el Tin	64	81	ि	38	20	63	83	11	59	59	55	7.1	∞	38	45	17	25	গ	25	23
Qena	-	29	23	17			21	19	50	ಣ		16	22	18	ಣ	T	11		18	ರ
Toial	210	572	372	269		- 607	427	191		694	207		124	-	784	105	115	46	342	542
						-	-	-				-						-	The second	

Table IIIb.—Comparison of Serious Stages of Trachoma I and II (Beginning of the Year).

CLASS.	Total number of pupils.	Total number of serious stages of Trachoma I and II.	Per Cent.
First Year Second Year Third Year Fourth Year	2,162 2,216 2,023 1,150	944 618 392 161	$43 \cdot 7$ $27 \cdot 9$ $19 \cdot 4$ $14 \cdot 0$

TABLE IV.—VISION OF ALL PUPILS WITHOUT SPECTACLES.

	TOTAL.	GRAND TOTAL.	Per Cent.
Good Vision:— (a) Normal vision in each eye 6/6 and 6/6 (b) Vision 6/6 and 6/9 or 6/9 and 6/9	1,367 1,648	3,015	39.9
Fair Vision:— (a) Vision 6/6 and 6/12, 6/9 and 6/12, 6/12 and 6/12 (b) Vision 6/6 and 6/18	1,615 137	1,752	23 · 2
Bad Vision:— Fails to attain any of the above standards Total	$ \begin{array}{c c} 2,784 \\ \hline 7,551 \end{array} $	$-\frac{2,784}{7,551}$	36.9

TABLE V.—SPECTACLES ORDERED.

	Tanta.	Asyût.	Mansûra.	Beni Suef.	Zagazig.	Damanhûr.	Shibin el Kôm.	Sohâg.	Minya.	Faiyûm.	Gîza.	Benha.	Moharram Bey.	Husseinîya.	Muhammad Aly.	Ras El Tin.	Qena.	TOTAL.
No. of pupils now attending obtained spectacles in previous years	20	13	39	13	8	14	12	5	9	29	27	12	11	25	13	17	1	268
No. of pupils now attending obtained spectacles in this year		2	8	6		_	_			4	1			16	7			44
No. of pupils now attending ordered spectacles but not yet obtained	11	16	$\frac{1}{2}$	7	$\frac{1}{2}$	7	7	12	4	4		7	3	4	4	12	9	111
Total	31	31	49	26	10	21	19	17	13	37	28	19	14	45	24	29	10	423
Spectacles on order or under repair	15	16	5	7	2	7	7	12	4	3		7	3	4	7	12	9	120
Number of pupils wearing spectacles or date of general inspection	1 . 14	15	33	13	8	$\begin{vmatrix} 14 \end{vmatrix}$	11	3	8	24	22	8	10	32	13	14	1	243
Net number not wearing spectacles which were previously ordered	. 2	2	11	6			1	2	1	10	6	4	1	9	4	3		60

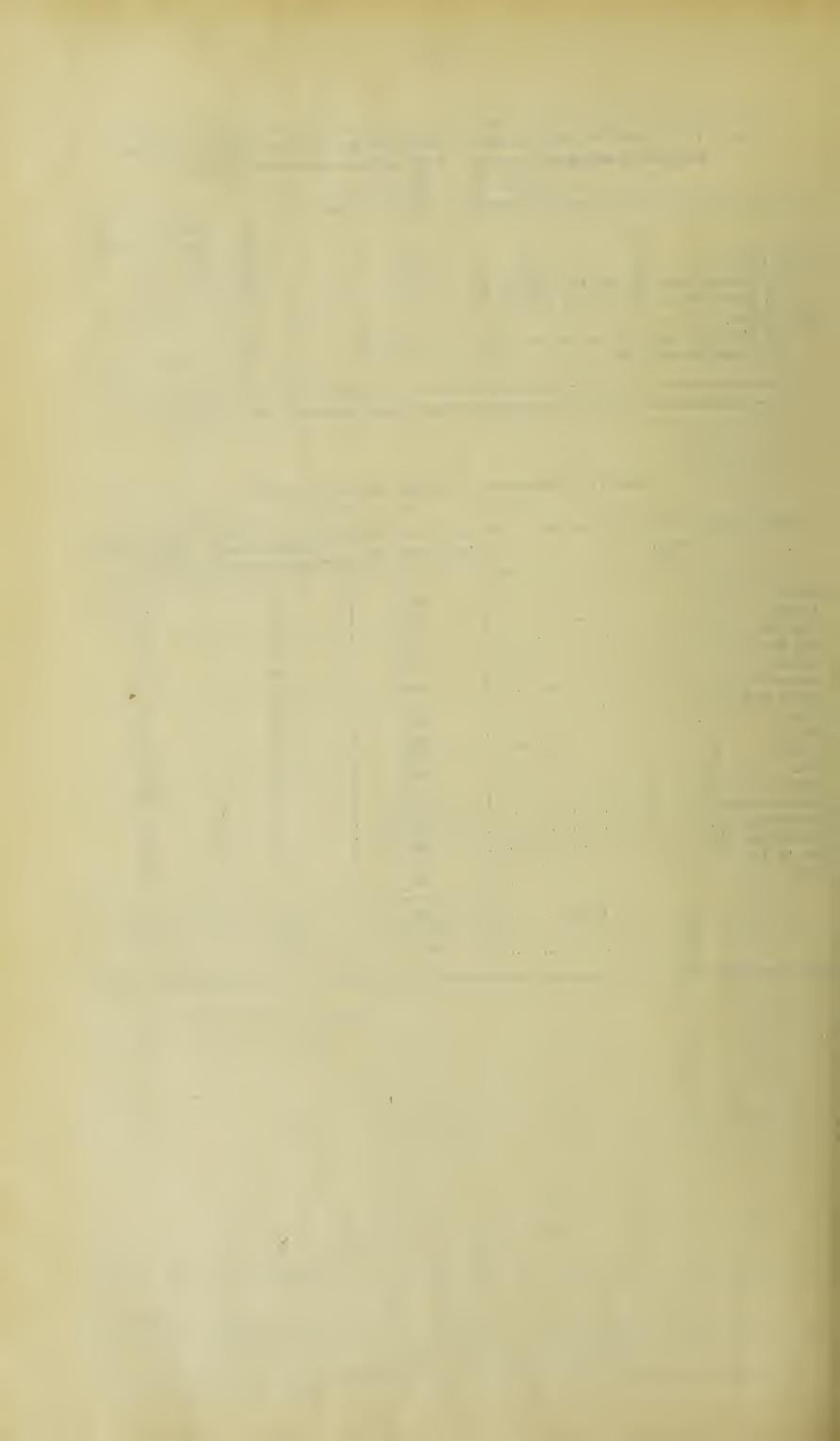
Table VI.—Number of Pupils ordered Spectacles who by use of Spectacles not greater in strength than + - 6 D. can get good or fair vision.

	TOTAL	GRAND TOTAL.	Per Cent *
Good Vision:—			
(a) Normal vision in each eye 6/6 and 6/6	24		
(b) Vision 6/6 and 6/9, or 6/9 and 6/9	38	62	14.7
Fair Vision:—			
(a) Vision $6/6$ and $6/12$, or $6/9$ and $6/12$ or $6/12$ and $6/12$	103		
(b) Vision $6/6$ and $6/18$	12	105	24.8

^{*} The percentage is taken in relation to the number of all pupils ordered spectacles (i.e. 423). See Table V.

TABLE VII.—CONDITION OF CORNEA BEFORE TREATMENT.

Schools.	Both Corneæ clear.	One Cornea clear the other showing opacity.	Opacity of both Corneæ.
Tanta Asyût Mansûra Beni Suef Zagazig Damanhûr Shibîn el Kôm Sohâg Minya Faiyûm Gîza Benha Moharram Bey Husseinîya Muhammad Aly	633 504 412 452 361 284 141 205 283 169 245 310 338 716 598	52 31 58 70 36 51 18 24 32 74 24 31 12 48 54	$ \begin{array}{c} 11 \\ 4 \\ 27 \\ 25 \\ 8 \\ -15 \\ 9 \\ 5 \\ 29 \\ 13 \\ 40 \\ 2 \\ 22 \\ 33 \end{array} $
Bas El Tin	752 184	34 23	13 31
Total	6,592	672	287
Per cent	87.3	8.9	3.8



Government Press

7909-1925-280 ex.





